

09/252691



02/18/99

1001

ctgaaaatca	ctgcggcaaa	acagaatgtg	cgcgtgctgg	tttgcgggtca	gtgggcgga	1260
cgcgtgccgg	gcctggactt	caagcgcgtg	aacggcggtc	tgctggttca	ggaccgcgat	1320
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&lt;210&gt; 2564

&lt;211&gt; 1308

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2564

ttcccgagc	agaaaatgaa	agtattagtg	attggtaacg	gcgggcgcca	gcacgccctg	60
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gaagcgcaga	aacgcgccta	tgcgctgatg	gcggatattc	actggaacgg	cagcttcagc	1260
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&lt;210&gt; 2565

&lt;211&gt; 717

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2565

agtcggcatg	gcggacatgt	cggaaacctt	ccgcgcgaaa	ggcggcgaaa	tctacctcaa	60
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taccgggtgg	tgacagcgt	ggcgtggata	gcgcgcctgc	tgaggcgagg	cgcttcgcacg	180
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atcgcgctgg	gacgtcgcta	ccacgcgcgc	ctgtttatca	acgactactg	gcggctggcg	300
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&lt;210&gt; 2566

&lt;211&gt; 885

&lt;212&gt; DNA

BEST AVAILABLE COPY

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2566

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## &lt;210&gt; 2567

## &lt;211&gt; 4167

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2567

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&lt;210&gt; 2568

&lt;211&gt; 612

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2568

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tttaaccaat	ga					612

&lt;210&gt; 2569

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2569

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&lt;210&gt; 2570

&lt;211&gt; 4266

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2570

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gagtaa						4266

&lt;210&gt; 2571

&lt;211&gt; 1092

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2571

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tatctgccag	agtacaaagc	cacgcgtgcg	caggcgggcg	attttatgtc	gctgtgcaaa	180
aacgcgcgag	tggcctgtga	ggtgacgctc	cagccgctgc	gccgcttccc	gctcgatgcc	240
gccattcttt	tttcggacat	tctcaccatt	ccggatgcga	tgggccttgg	gctctatttc	300
gaaaccggcg	agggcccgcg	ctttacctct	ccgatcaaaa	gcaaagccga	cgttgataag	360
ttgccgatcc	ccgatccgga	aggcgagctg	agctatgtga	tgaacgccgt	gcgcaccatt	420
cgccgcgagc	tcaaaggcga	tgtgccgctg	attggcttct	ccggtagtcc	gtggacgctg	480
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tatcataagt	aa					1092

&lt;210&gt; 2572

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2572

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atccgtgagg	atcgtctgga	tacggaccct	ccgcgggtaca	ttggcggggc	ggacgtcggg	120
tttgagcagg	gcgggtgaagt	gacgcgagcg	gcgatgggtg	tgctgaaata	cccgtcgtctg	180
gagctgggtg	agtacaaagg	ggcgcgtatc	gccaccacca	tgccctatat	ccccggcttt	240
ctctccttcc	cgcaatatcc	cgcgctgctg	gccgcttggg	aacaactctc	gcaaaaacct	300
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ttaccggagc	caaccgcgtg	ggctgacgcc	gtggcctctt	cacgtccggc	attcattcgt	660
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&lt;210&gt; 2573

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2573

gtgaagacta	ctcgtatgga	acaccggggc	gctgctgctc	gtctgttcaa	agagttcgcg	60
aaagcgaatg	caaaatttga	ggccaaagct	gcagcctttg	aaggtgagtt	gatcccggca	120
tcgcaaatac	atcgccctgg	aaccctgccc	acctacgaag	aagcaattgc	acgcctgatg	180
gcaaccatga	aagaagctgc	ggctggcaaa	ctgggttcga	ctctggctgc	tgtacgcgat	240
gcgaaagaag	ctgcttaa					258

&lt;210&gt; 2574

&lt;211&gt; 366

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2574

atgtctatca	ctaaagatca	aatcattgaa	gcagtagcag	ctatgtccgt	aatggacggt	60
gtagagctgg	tttctgcaat	ggaagaaaaa	ttcgggtgtt	ctgctgctgc	tgctgtagct	120
gtagctgcgg	gcccggctga	agctgctgaa	gaaaaaactg	aattcgacgt	aattctgaaa	180
gctgctggcg	cgaacaaagt	tgctgtaatc	aaagcagtac	gtggcgcaac	tggcctgggt	240
ctgaaagaag	ctaaagacct	ggtagaatct	gctccagctg	cgctgaaaga	aggcgtgagc	300
aaagacgacg	cagaagcact	gaaaaaatct	ctggaagaag	ctggcgctga	agttgaagtt	360
aaataa						366

&lt;210&gt; 2575

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2575

agcgaaggta	gtgcaataga	tatggatcgt	attattgaaa	aatcagatct	gggttggtgg	60
atcgctcagtc	acgagcaaaa	gttggtggctg	cccgggtggg	agatacccta	cggtgcggca	120
gaaatcttcg	atctcgtcgg	ccaacctgcg	ctgcggatcg	gcgagtgcca	ggcgcatccg	180
gtatggttga	tcctacaggc	tcgtcgtcag	gatatgggat	ccgttcgtca	ggtgttggtat	240
cgggatgtcg	gcctgttcca	gctggcgggg	cgcggcgtgc	agctggcgga	gttttaccgc	300
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ctgccccccgc	cggaacgggt	ggcgcgctgc	ctgatagaag	ataccgtggc	aatgtgtcgg	780
gccgagtatg	agtag					795

&lt;210&gt; 2576

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2576

gtaagacgcg	tggcagtga	cagttttaac	gaagggggcg	caacgcccct	tttgtcattc	60
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tcactceccc	cgtttaccgc	cagcggctac	gctgacaacc	aggggtgcggt	caggatctgg	180
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&lt;210&gt; 2577

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2577

gcaccaccgg	gcatcagggt	tcgcacatct	ttagctcctt	cagtcagggt	aactgcttta	60
tcgtgctgga	gcgcgatcgc	ggccacggtg	agggcgggca	atgggttgaa	gtggaacgct	120
ttaaccacct	gttcggaggc	tgacatgacg	atggaaactga	gcgacccgga	gatgatgcgc	180
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gccagcgtgc	tggttggttg	tcttggcggg	ctgggctgcg	cggcagcgca	atacctggct	300
gcggcggggc	tcggcagcat	gacgctgctg	gatttcgaca	ccgtgtcggt	gtccaacctg	360
caacgccaga	cgctgcacag	cgacgcgacg	gtcggtcagc	ctaaagtgga	atcagcacgc	420
acggcgctgg	cgcgcattaa	ccccaacgtt	cagttcaccc	tgattgacgc	gatgctggat	480
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ctggcgcact	atggcacgcg	cggcgcgggt	aaaatcgtga	tgtatgacgc	gatgacctgc	840
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&lt;210&gt; 2578

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2578

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gataaccctg	ccctgctgga	cttcgcgcag	cagtacgcct	gccagaaaagg	gttaaccgcg	900
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&lt;210&gt; 2579

&lt;211&gt; 2403

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2579

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acccttgata	cgcagtcggc	aaaccatctg	gaactgctgg	tcgatagcca	gcaccgcctg	120
tgctgtatg	tgctggaaga	gaacctgttc	cgcgtgctga	tcaagcgtaa	aggcgagctg	180
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cactaccgca	atgacgcggg	cgagtggcag	ccgctggtca	atgaccgccc	gaccagcgcc	420
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tag						2403

&lt;210&gt; 2580

&lt;211&gt; 1329

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2580

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ccaagctacg	acaacgccga	catggtgatc	gtcaacacct	gcgggttcat	cgacagcgcg	180
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accggctgcc	tgggcgcaaa	agaagaccag	atccgtgaag	tgcacccgaa	ggtgctggag	300
atcaccggtc	cacacagcta	cgagcaggtg	ctggaacatg	ttcatcacta	cgtcccaaaa	360
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ctcgacttcc	tgaagagggc	gcgtctggat	cgcgtcggct	gcttcaagta	cagcccggtt	1020
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&lt;210&gt; 2581

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2581

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&lt;210&gt; 2582

&lt;211&gt; 1173

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2582

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&lt;210&gt; 2583

&lt;211&gt; 879

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 2584

<211> 1347

<212> DNA

<213> *Enterobacter cloacae*

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<210> 2585

<211> 1236

<212> DNA

<213> *Enterobacter cloacae*

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&lt;210&gt; 2586

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2586

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&lt;210&gt; 2587

&lt;211&gt; 1287

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2587

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<210> 2588  
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2588

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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2589

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 <211> 1887  
 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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 aatttcatgc gtgaaaaagc acccatcctg aaagcgcact acgctgaaag cgaattagt 240  
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<210> 2592  
 <211> 690  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2592  
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&lt;210&gt; 2593

&lt;211&gt; 945

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2593

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&lt;210&gt; 2594

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2594

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&lt;210&gt; 2595

&lt;211&gt; 1152

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2595

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&lt;210&gt; 2596

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2596

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&lt;210&gt; 2597

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2597

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&lt;210&gt; 2598

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2598

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&lt;210&gt; 2599

&lt;211&gt; 1623

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2599

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taa						1623

&lt;210&gt; 2600

&lt;211&gt; 963

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2600

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tag						963

&lt;210&gt; 2601

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2601

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&lt;210&gt; 2602

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 2602  
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 gtgaagccga tgcaggcgaa cggcttgaat agcgatgcca gcaaaagcga tcgggaaaag 240  
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<210> 2603

<211> 762

<212> DNA

<213> Enterobacter cloacae

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 aacggtgcag gcaaactgac gctggtgcgc gtcgtattag gcctggtagc ccctgacgca 180  
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 gatgccaccc tgcccctgac ggtgagccgc ttccctgcgc tccgtcccgg tacgcgtaaa 300  
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 catgatctgc atctggtgat ggccaaaacc gacgaagtac tgtgcctgaa ccatcacatt 600  
 tgttgttccg gcacgcggga agtgggtgtca atgcatcccg aatttatctc catgtttggc 660  
 catcgtggcg ccgaacagct gggcatctat cgccataatc acaatcaccg ccatgattta 720  
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<210> 2604

<211> 594

<212> DNA

<213> Enterobacter cloacae

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 gatgtggtca gccgcgctgc gcgcctggca gaaaaatgcc gcgccagcgg ctgcgctgtt 180  
 gttatggtgc gcgtcggttg gtccgctgat ttccgcgaag cggttaaaaca gccggttgat 240  
 gctcaggccc cggcgcaggc gctgccggac aactggtgga catatcctgt ctgcctcgg 300  
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 aatatcgggtg tggaaatccac cgcccgtaac gcctgggagc tgggctttaa cctggtgatc 480  
 gcggaagatg cgtgcagcgc agcctctgcg gatcagcacc agtgcagcat gacccatata 540  
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<210> 2605

<211> 822

<212> DNA

<213> Enterobacter cloacae

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 agcgcaggca tcatcgccca ggatctggaa aaggttctgc ccgttgctgt aagttctggc 660



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gaaaaagaac	tggccgacct	tcgcggtgcg	acagttgtct	aa		822

&lt;210&gt; 2606

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2606

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cttctcaata	acgccagcgc	aaccggagag	caataccgct	accgccaggc	aaagaatcat	180
atttttcata	gtggttatat	cccagggcgt	tcatga			216

&lt;210&gt; 2607

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2607

cgaacaggcc	agcatgccgg	gttcgcctct	gtggcgatta	atcaaggagg	tttaaccatg	60
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&lt;210&gt; 2608

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2608

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&lt;210&gt; 2609

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2609

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 <211> 768  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 2611  
 <211> 870  
 <212> DNA  
 <213> Enterobacter cloacae

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 aatcaggctg gatgtttatc cagccttttt ttattatgtc ggcagataat ttcttcaga 240  
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<210> 2612  
 <211> 3492  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 2613

&lt;211&gt; 762

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2613

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&lt;211&gt; 3873

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2614

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&lt;210&gt; 2615

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2615

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gccgtttgtg	ctctatataa	aaaattccca	gtaaataaag	acgttacacg	aacttcaaca	600
cattaa						606

&lt;210&gt; 2616

&lt;211&gt; 543

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2616

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attcgcacca	aagtggacga	tctgccgtcg	cgccctgaagc	tcatctatgc	ggcggtgtcg	180
gagatcatca	ctcagtttca	gccggactat	ttcgccatcg	agcaggtctt	tatggcgaaa	240
aacgctgact	cggcgttaaa	gctcggtcag	gcgcgcggcg	tggcgattgt	tgccgccgtg	300
aaccaggatc	tgccggtggt	cgagtatgcg	gcccgtcagg	ttaagcagac	ggtggtgggc	360
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taa						543

&lt;210&gt; 2617

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2617

gtatTTTTGCC	gggcttcaga	ttcagcgaca	cgtcagaaaag	gacgcggcgc	tggccgaatg	60
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&lt;210&gt; 2618

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2618

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gcgtggccgt	atgaactgac	cgccatatct	gtcagcagtg	acggccagag	ttcacgaccg	360
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&lt;210&gt; 2619

&lt;211&gt; 1821

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2619

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&lt;210&gt; 2620

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2620

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&lt;210&gt; 2621

&lt;211&gt; 591

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2621

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ccagacggcc	gcactggcga	ttcgcaaccg	gatgacgggtg	caggaactgg	ccgaccagtt	120
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&lt;210&gt; 2622

&lt;211&gt; 1323

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2622

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cgtgcgcgcc	gtcgtgcgga	gatcatcagt	ccgttggcgc	agtcggagac	ggtcgggcac	180
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tag						1323

&lt;210&gt; 2623

&lt;211&gt; 495

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2623

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cgcgatccgc	gcgacatcag	ccgtatctgg	gtcctggaac	cggagggaca	gcattacctg	180
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&lt;210&gt; 2624

&lt;211&gt; 1563

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2624

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tga						1563

&lt;210&gt; 2625

&lt;211&gt; 1020

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2625

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&lt;210&gt; 2626

&lt;211&gt; 510

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2626

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aacgtgccgc	gcgcgctcgc	caacttcgac	acgcgcggct	tcataaaact	ggtggttgaa	300
gaaggcagcg	gcgactgat	cgccgtgcag	gcagtgcccc	cggaagcggg	cgaactgata	360
cagacggcgg	cactggcgat	tcgcaaccgg	atgacgggtg	aggaactggc	cgaccagttg	420
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&lt;210&gt; 2627

&lt;211&gt; 927

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2627

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ggcctgatgc	cggaaatagg	cgcgtgggtg	ctgggcgagg	cctgtcgcca	gatgcacaag	480
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cttctggaga	tcgaactgac	cgaatcggtc	gcattcggca	atccagccct	gttcgccagt	660

ttcgacgcct	tgcgcgccat	cggcgtgcgc	ttcgccgcgc	acgacttcgg	caccggctat	720
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gcgcacgggc	tgggcatgga	tgtcattttc	agaagacgac	tgcaccagtt	gattgggcgt	900
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&lt;210&gt; 2628

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2628

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tatctgtacc	gggcccgtcg	cagccggggc	cgcactgtcg	atcttttatct	ctcctcccgt	360
cgtaacagca	aagctgcata	ccggtttctg	ggtaaaatcc	tcaacaacgt	gaagaagtgg	420
cagatcccgc	gattcatcaa	cacggataaa	gcgcccgcct	atggtcgcgc	gcttgctctg	480
ctcaaacgcg	aaggccgggtg	cccgtctgac	gttgaacacc	gacagattaa	gtaccggaac	540
aacgtgattg	aatgcgatca	tggcaaactg	aaacggataa	tcggcgccac	gctgggattt	600
aaatccatga	agacggctta	cgccaccatc	aaaggtattg	aggtgatgcg	tgactacgc	660
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agagtttttg	aaatgtaa					738

&lt;210&gt; 2629

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2629

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ctgctcactg	ctggccagct	tcgccgcttc	gctcccgtcg	cgccggcctt	ccccattgac	120
cacgctggac	atggctcgct	acctgctcac	acgcagcgag	ggcaccatag	gggaactggc	180
gcacttgctg	atggcgggcg	ccatcgctcg	cgtggagagc	ggcgaggaag	cgatcaacca	240
tcgcacactc	agcatggcct	gttgagttgc	atctaa			276

&lt;210&gt; 2630

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2630

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actttcaaag	ccttgctgat	ttga				204

&lt;210&gt; 2631

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2631

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aaaatcgaga	cataa					795

&lt;210&gt; 2632

&lt;211&gt; 348

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2632

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aggagatcgg	aagacctcgc	ccgtcgcggc	gcttgccggt	ggtgctga		348

&lt;210&gt; 2633

&lt;211&gt; 3024

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2633

cttcggcatc	agccgcgaaa	cettgtacca	gtacctgcgg	gaagactgac	catgccacgc	60
cgctcaatcc	tgtccgccac	cgagcgcgaa	agcctgctgg	cactgccaga	tgccaaagac	120
gaactgatac	ggcactacac	gttcaacgaa	accgacctgt	cggatgatccg	tcagcgtcgc	180
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&lt;210&gt; 2634

&lt;211&gt; 1032

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2634

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tacgaagcat	aa					1032

&lt;210&gt; 2635

&lt;211&gt; 561

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2635

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<210> 2636  
 <211> 873  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2636  
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 aacgaactgc gcatcccggt ggttggggta ggcacgcgcg acgcctacct agccatccgc 600  
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<210> 2637  
 <211> 618  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2637  
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 cagcgtcccg agctggaaag gctgctggcc ttcgtccgcg agggcgacac cgtggtggtg 240  
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 tcaccgatgg ccaatctgat gctgtcggtc atgggagcct tcgctgagtt cgagcgcgcc 420  
 ctgatccgcg aacgtcagcg cgagggaatc gtgctggcca agcagcgcgg tgcctaccgg 480  
 ggacgaaaga aatcgtgtaa cagcgaacaa attgccgagt tgaacggcg agttgcggca 540  
 ggcgaccaa aaaccttggg ggcctgtgac ttcggcatca gccgcgaaac cttgtaccag 600  
 tacctgcggg aagactga 618

<210> 2638  
 <211> 435  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2638  
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 cgcgaacgag tggcggagggt tgtgcgggtg ggcgggcttc gtgatgcctg cttgttctac 180  
 ggcacgtttg aaggcgcgct gaaaggctctg gtcatacatg tgatggcgac gcacgacacc 240  
 gctccgtgga tcggtcgaat gcgtgtgctg cgcaaaaacc cagaaccacg gccaggaatg 300  
 cccggcgcgc ggatacttcc gctcaagggc gtcgggaagc gcaacgcgcg tgcggcctc 360  
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 caagctctcg ggtaa 435

<210> 2639  
 <211> 447  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2639

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aagctgggcg	aacaaacgat	gctcgccttc	cagaaaaccg	aggatgcgaa	ccacttcac	180
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gctgctgccc	aagggttgcg	ggtgacgcac	accgtggaaa	cggatgaagg	cacgaaccga	420
gtggacataa	gcctgttcgg	ttggttaa				447

&lt;210&gt; 2640

&lt;211&gt; 930

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2640

tgcgtggggc	tttgtaggta	tggggctcat	aattgctgcc	tttttgcctg	cccgatcccc	60
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accgaggact	ccttcttcga	tgagagccgg	cggctagacc	ccgccggcgc	tgtcaccgcg	180
gcgatcgaaa	tgctgcgagt	cggatcagac	gtcgtggatg	tcggaccggc	cgccagccat	240
ccggacgcga	ggcctgtatc	gccggccgat	gagatcagac	gtattgcgcc	gctcttagac	300
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ctctatcccg	atattgctga	ggcggactgc	aggctggtgg	ttatgcactc	agcgcagcgg	480
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gccagagacc	gaggggttaga	tcatgcctag				930

&lt;210&gt; 2641

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2641

cgtatgcgct	cacgcaactg	gtccagaacc	ttgaccgaac	gcagcgggtg	taacggcgca	60
gtggcggttt	tcatggcttg	ttatgactgt	ttttttgtac	agtctatgcc	tcgggcatcc	120
aagcagcaag	cgcgttacgc	cgtgggtcga	tgtttgatgt	tatggagcag	caacgatgtt	180
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ccagaggcgg	ctgagggcgt	catcgccggg	cggccagtc	gttgtaacag	ctgggaggcg	600
atcatctggg	attactttta	ctatgccgat	gaagtaccac	cagtggactg	gcctacaaag	660
cacatagagt	cctacaggct	cgcattgcacc	tactcgggg	cggaaaagg	tgaggtcttg	720
cgtgccgctt	tcaggtcgcg	atatgcggcc	ttaa			753

&lt;210&gt; 2642

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2642

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tcgctgcgga	ggccgacgcc	atggtga				387

&lt;210&gt; 2643

&lt;211&gt; 603

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2643

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ggggaggccg	catatctgca	caagctcgcg	gtgcgacgga	cacatgcggg	ccggggtgtc	420
agctccgcgc	tgatcgaggc	ttgccgccat	gccgcgcgaa	cgcaggggtg	cgccaagctg	480
cggtctgact	gccacccgaa	cctgcgtggc	ctatacgagc	ggctcggatt	caccacgctc	540
gacactttca	atcccggctg	ggatccaacc	ttcatcgcat	aacgcctaga	actcgaaatc	600
taa						603

&lt;210&gt; 2644

&lt;211&gt; 411

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2644

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ctagcgatcc	gtaaggccac	ggtattgcgc	gccggcactc	gcagtttttg	a	411

&lt;210&gt; 2645

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2645

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cgccgagaca	agcccagcgc	ctga				204

&lt;210&gt; 2646

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2646

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ggaatccgtg	gggtgtccgc	cgccatgtct	acctcgcttt	ggtgcacacg	agtattgagc	180
atagtcgaga	ttggtgcaga	tcacttctga				210

&lt;210&gt; 2647

&lt;211&gt; 477

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2647

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ggcgcgagga	atcggcagat	ggcaggggca	ggtcaacacg	gccagcgcac	cccacaggta	180
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tcctcgtgcg	cccgtcggc	tggcatggag	gccagttgcg	cgccagatg	ggccaacgcc	300
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tccgctgcgt	cgagcgcaag	gcacagccgc	gccagggcat	ccaggccgat	acccgcctcg	420
aaggccgcgc	gcacgaagca	cagccgttgc	aaggccgcgt	cgtcgaacac	gccgtag	477

&lt;210&gt; 2648

&lt;211&gt; 411

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2648

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cgcgagctgc	ctttagaagt	acttgaggaa	atcctcgaaa	agcttaagt	cattgttgat	120
gagcgtcgtc	aggaagaatc	atccaaagct	gccgaactgc	aagctcgta	ggagaaactt	180
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tttactgatg	aaaatggcga	aacaaaaacg	tggactggac	agggccgcac	ccccaaagct	360
ctggcagaac	aaattgcagc	cggtaaaagt	cttgatgatt	tcctgatcta	a	411

&lt;210&gt; 2649

&lt;211&gt; 1548

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2649

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&lt;210&gt; 2650



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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2650  
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 cagcgtggcg ccgattatcc gtttcagttt gccatgatcg cattcaatca cgttggtccg 120  
 gtacttaatc tgtcgggtgt caacgtcaga cgggcaccgg ccttcgcgtt tgagcagagc 180  
 aagcgcgcga ccataggcgg gcgctttatc cgtgttgatg aatcgcggga tctgccactt 240  
 cttcacgttg ttgaggattt taccagaaaa ccggtatgca gctttgctgt tacgacggga 300  
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 aatcgtggag tgatcgacat tcaactccgcg ttcagccagc atctcctgca gctcacggta 540  
 actgatgccg tatttgcagt accagcgtac ggcccacaga atgatgtcac gctgaaaatg 600  
 ccggcctttg aatgggttca tgtgcagctc catcagcaaa aggggatgat aagtttatca 660  
 ccaccgacta tttgcaacag tgcccatcgg cgtagtagtg gatgtggtcg atga 714

<210> 2651  
 <211> 1233  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2651  
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 cgtccagaaa agccagacta ccttgcatgt ccggaaaagc ctgccgagag cgaaggcatt 480  
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 gaagaacatg aaaaacggct cgccacggct caggcagatg cccggcagca gttccggaca 720  
 gacgccgctg ttttcgaatc atacctggcg ggtgtgctgg cagaaactga atggccgctg 780  
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 gtgtcaggct ttacgcaacg ggtcagtaag cggaccggct atctggagga tgagtatatc 1080  
 ctgtcctgca aatgcactcg cagccagatg tcgtcagtaa attttgcagg catagaacac 1140  
 attgatccgg ttgaagcgtt aggcgatcac ccggttatc gaaagatgag cagtaccttc 1200  
 atttttcagc ctattgaacc actaaccctt taa 1233

<210> 2652  
 <211> 651  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2652  
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 tttctcggcg ggatcttttg taaaaaagaa gaagaatacg accttgatgt gatcgctttc 180  
 ctgtgtaatt cagccggaaa ggtgaccgat ctccgcaatg tggaaaatgg taaaccaacg 240  
 cttgtgaatg gcgatatcat ctttttcaac agccttcgac ataagtcagg caatatcttg 300  
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 ctgaattccc ttgacgctca gtacgagaaa attgtgttca tcgttcagat ctacaatggt 420  
 gaaaagctcc agcagcactt tggtaaagtt cagaatgcct tcatccgggc agtagatgcc 480  
 cgtaatatgg aaatggcagc attcgatctt tctggcggac ccgccttcgc cagccagcgc 540

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gagccttcag	aatcagattc	gtttgtctcg	cacctgagga	attacatgtg	a	651

&lt;210&gt; 2653

&lt;211&gt; 1152

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2653

ggcgtattta	tgtctgatat	cctcgaagat	atgattttatc	gccgtaccct	ctcatgcggt	60
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&lt;210&gt; 2654

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2654

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aaataa						186

&lt;210&gt; 2655

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2655

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&lt;210&gt; 2656

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2656

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&lt;210&gt; 2657

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2657

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accagcatc	attaa					1035

&lt;210&gt; 2658

&lt;211&gt; 501

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2658

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&lt;210&gt; 2659

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2659

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ccgccagaag	taaatgtggt	cttataa				747

&lt;210&gt; 2660

&lt;211&gt; 687

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2660

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&lt;210&gt; 2661

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2661

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&lt;210&gt; 2662

&lt;211&gt; 1590

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2662

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&lt;210&gt; 2663

&lt;211&gt; 1026

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2663

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 <212> DNA  
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 <213> Enterobacter cloacae

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<210> 2667

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 2667

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tgcttcggcc	agccagcgat	tgatggtctt	gaacaattga	cgggccagtt	gatgctgctc	240
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<210> 2668

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 2668

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<210> 2669

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 2669

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<210> 2670

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 2670

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taa						483

&lt;210&gt; 2671

&lt;211&gt; 1623

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2671

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tag						1623

&lt;210&gt; 2672

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2672

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&lt;210&gt; 2673

&lt;211&gt; 423



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2673

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&lt;210&gt; 2674

&lt;211&gt; 2742

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2674

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&lt;210&gt; 2675

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2675

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&lt;210&gt; 2676

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2676

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&lt;210&gt; 2677

&lt;211&gt; 831

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2677

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&lt;210&gt; 2678

&lt;211&gt; 840

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2678

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&lt;210&gt; 2679

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2679

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&lt;210&gt; 2680

&lt;211&gt; 1545

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2680

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&lt;210&gt; 2681

&lt;211&gt; 1491

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2681

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&lt;210&gt; 2682

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2682

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gatcgcatgg	cacaggaaat	caaagaactg	gtcgaactgg	gtattcaggt	tggcgtggtc	180
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gtgggcgacc	acatgggtat	gctggcaacc	gtgatgaatg	gcctggcgat	gcgtgatgcg	300
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cgaatccgaa	ccgatgtgg	tgctgaaagc	gaccaaagta	gatggcgtgt	ttactgccga	540
ccggcaaaa	gaccttcag	cgaccatgta	cgatcagctg	agctacagcg	aagtgctgga	600
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<210> 2683  
 <211> 582  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2683  
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 tccccaaagc tgctggatgg catcatcgta gaatactacg gtacgcctac gccactgctg 180  
 cagctggcga gcgtgacggg agaagatacc cgtaccctga aaatcaacgt gttcgatcgc 240  
 tcaatgagcc cggccgttga aaaagcgatc atggcatctg acctgggtct gaaccaagc 300  
 tcagcgggcg cggatattcg cgtaccactg cctccgctga cggagagcg tcgtaaagac 360  
 ctgatcaaag tggttcgcgg tgaagctgag cagggtcgcg tttccgtacg taacgtgctg 420  
 cgcatgacga acgataaagt gaaagccctg ctgaaagaaa aagagatcag cgaagatgac 480  
 gatcgctggt cacaggacga cattcagaaa atgaccgacg cggccatcaa gaaaattgat 540  
 gcggcgctgg cagaaaaaga agcgggaactg atgcagttct ga 582

<210> 2684  
 <211> 1428  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2684  
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 ataacggaag gttttatgct gagcattctc tggaaatctg cggcgttcat tgttgactg 120  
 ggtgtactga ttaccgtgca tgaatttggc catttctggg ttgcccggcg ctgtggtgtg 180  
 cgggtggagc gattctcgat tggctttggc aaatcgctct ggaagcgta cgtataagcat 240  
 ggcaccgagt ttgtcattgc tctgattccc ctgggcgggt atgtcaaaaat gctcgacgaa 300  
 cggtttgagc ctgtcgcccc ggaacttcgc catcgcgctg ttaacaataa aactgttgga 360  
 caacgtgctg ccactatcgc tgccggcccc gtagccaatt tcatcttcgc tatcttcgcc 420  
 tactggctgg tgtttatcat cggcgtgcct ggctgctgccc cggctcggtg cgaaatcacc 480  
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 gatttacgcc actggcgctt tgagccagac aaagaggacc ctgtcgccgc actcgggatt 720  
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 ggccgaccgg tatccgagcg agttcaagac tttagttatc gcattggctc gattttgctg 1380  
 gtgctgttaa tggggcttgc acttttcaat gatttctctc ggttgtaa 1428

<210> 2685  
 <211> 585  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2685  
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 aagagtattt tgactactta cactcatact ctgcataatt aagagatttt agaacttctg 180  
 ccgcaccgct atccgttttt actggttagac cgtgtgctgg attttgaaga aggtcgtttt 240  
 ctgcgcgcag tgaaaaaatg ctccgttaac gagccgttct tccaggggca cttccctggg 300  
 aagcctatct tcccgggggt attgatcctg gaagcgatgg cacaggctac cggatattctg 360  
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gaagcgcgct	tcaagcgtcc	ggtcgtgcct	ggtgatcaaa	tgatcatgga	agtcactttt	480
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&lt;210&gt; 2686

&lt;211&gt; 792

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2686

tacgtgattg	ataaatccgc	ctttattcat	cctaccgcc	ttgtggaaac	gggtgccatc	60
attggtgcc	atgtccacat	cgccccgttt	tgtattgttg	gaccccatgt	cgaaattggt	120
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&lt;210&gt; 2687

&lt;211&gt; 3501

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2687

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&lt;210&gt; 2688

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2688

tacaggaata	ctatgagtct	gaattttcctt	gatttcgaac	agccgattgc	agagctggaa	60
gcgaaaatcg	attctctgac	agccgtgagc	cgctcaggatg	aaaaactgga	tattaacatc	120
gacgaagaag	tgcctcgtct	gcgcgaaaaa	agcgtagaac	tgacgcgcaa	aatctttgcc	180
gatctcggcg	catggcagat	cgcccagctg	gcgcgacatc	cacagcgtcc	gtacaccctg	240
gattatgtcc	gcctggcggt	tgacgaattt	gacgaactgg	caggcgaccg	cgcatcagct	300
gacgataaag	ctatcgtcgg	cggtatcgcg	cgctcggatg	gacgtccggg	gatgatcatt	360
ggatcatcaga	aaggccgtga	aaccaaaagag	aaaatccgtc	gtaacttcgg	tatgccagct	420
ccagaaggct	accgtaaggc	cctgcgtctg	atggagatgg	ctgagcgttt	caatatgcca	480
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cagtctgaag	ccatcgcaag	caacctgcgt	gagatgtctc	gcctgaaagt	gccggtcatc	600
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cgtctgaaag	agctgaagct	gatcgacacc	gttatccctg	aaccgctggg	tggcgcgcat	840
cgtaagccgg	aagtgatggc	tgcttcctctg	aaagcgcgagc	tgctggcaga	cctggcgggac	900
ctggacgtgc	tgagcacaga	agatctgctc	aaccgtcggt	atcagcgtct	gatgacctac	960
ggttacgcgt	aa					972

&lt;210&gt; 2689

&lt;211&gt; 372

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2689

cagtcgcagt	attcatggga	gcataagatg	agtgatgacg	tagcgttgcc	gctggaattt	60
------------	------------	------------	------------	------------	------------	----

accgaagcag	cagcgaaaaa	agtgaaaacc	ctgattgccg	acgaggacaa	tccggatctg	120
aaactgcgtg	tttatattac	cggcggcggc	tgtagtggct	tccagtatgg	ttttaccttt	180
gacgaccagg	ttaacgatgg	tgatatgact	atcgagaaac	agggcgtcgc	gctgggtggt	240
gatccgatga	gcctgcaata	tctgggtggc	ggttcagtgg	actacactga	aggtctggaa	300
ggttcgcgct	ttgtggtgac	taacccgaat	gcgaccagca	cctgcgggtg	tggttcttcg	360
ttcagtattt	aa					372

&lt;210&gt; 2690

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2690

tatgggatac	gtggaggcat	aaccccaact	ttcaatatag	aggtttttaa	catggcaact	60
gtttccatgc	gcgacatgct	caaggctggg	gttcacttcg	gtcaccagac	ccgttactgg	120
aacccgaaaa	tgaagccttt	catcttcggc	gcacgtaaca	aagttcacat	catcaacctt	180
gagaagactg	taccaatggt	caacgaagcc	ctggctgagc	tgaacaagat	ctcttcccgt	240
aaaggtaaga	ttctgttcgt	tggtactaag	cgcgctgcaa	gcgaagctgt	gaaagatgct	300
gctaacagct	gcgaccagtt	cttcgtgaac	catcgtgggt	tgggcggcat	gctgaccaac	360
tgaaaaactg	ttcgtcagtc	catcaagcgc	ctgaaagatc	tggaaacca	gtctcaggac	420
ggtacttttcg	ataagctgac	taagaaagaa	gcgctgatgc	gcactcgtga	actggacaag	480
ctggaataca	gcctgggcgg	tatcaaagat	atgggcggcc	tgccagacgc	gctgttcgta	540
atcgatgcag	accacgagca	catcgcaatc	aaagaagcta	acaacctggg	tatcccggta	600
ttcgtctatcg	ttgataccaa	ctccgatccg	gacgggtgtg	acttcgttat	cccgggtaac	660
gacgacgcaa	tccgtgctgt	tagcctgtac	ctgagcgtcg	tagctgctac	cgttcgtgaa	720
ggccgttccc	aggatctggc	ttctcaggcg	gaagaaagct	tcgtagaagc	tgaataa	777

&lt;210&gt; 2691

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2691

atagggggccc	attatcggcc	ccttttttca	atattatactg	tttggtctcc	ggccgggcag	60
ttcacatctc	cagaggattt	aagaatggct	gaaattaccg	catccctggt	aaaagagctg	120
cgtgagcgta	ctggcgccagg	catgatggat	tgcaaaaaag	cgctgaccga	agcgaacggc	180
gacatcgagc	tggcaatcga	aaacatgcgt	aaatccgggtg	cgatcaaagc	agctaagaaa	240
gcaggcaacg	ttgctgctga	cggcgtgatc	atcactaaaa	tcgacggcaa	ctacggcatc	300
attctggaag	ttaactgcc	gactgacttc	gttgctaaaag	atgctggttt	ccaggcattt	360
gctaacaaga	ttctggcgc	agcggttgca	ggcaaaatca	ctgacgttga	agtctgaaa	420
gcacagttcg	aagaagagcg	tgttgcgctg	gttgctaaaa	tcggtgagaa	catcaacatc	480
cgtcgcgttg	cttccttgga	aggtgacgtt	ctgggctctt	accagcacgg	cgcgcgtatc	540
ggtgtttctg	ttgcggctaa	aggcgtgac	gaagagctgg	ttaaacagct	ggcaatgcac	600
atcgctgcaa	gcaaaccaga	attcgttaa	ccagaagacg	tgtctgctga	agtggtagag	660
aaagagtacc	aggttcagct	ggacatcgcg	atgcagtctg	gtaagccaaa	agaaatcgca	720
gagaaaaatg	ttgaaggccg	catgaagaaa	ttcaccggcg	aagtttctct	gactggccag	780
ccttttcgtaa	tggatccaag	caagtctgtt	gctcagctgc	tgaaagagca	caacgctgat	840
gtaactggct	tcattccgctt	cgaagtgggc	gaaggcatcg	agaaagttga	gactgacttc	900
gcagcagaag	ttgctgcaat	gtccaagcag	tcttaa			936

&lt;210&gt; 2692

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2692

tcctctccgc	cggtacgggt	aaccggttct	ttaccaccga	ttccgcagcc	tgctggcg	60
ggtatcgaaa	tcgaagccga	tgtgggtgctg	aaagcgacca	aagtagatgg	cgtgtttact	120
gccgaccggg	caaaagatcc	ttcagcgacc	atgtacgatc	agctgagcta	cagcgaagtg	180
ctggaaaaag	agctaaaagt	gatggatctt	gccgccttta	cgctggctcg	tgaccacaaa	240
ctgccgatcc	gtgtcttcaa	tatgaacaag	cctggcgcg	tgctgcgctg	tgttatgggc	300



gaaaaagaag gcactttgat cacggaataa

330

&lt;210&gt; 2693

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2693

aaacgcgtta	tgttgtctgc	gaatcaacca	ataagcgaaa	acttgccagc	acatggctgt	60
cgccatgttg	caatcatcat	ggatggcaat	ggccgctggg	cgaaaagaca	agggaagata	120
cgagcctttg	ggcataaaagc	tggggcgaaa	tctgttcgcc	gcgccgtttc	ttttgccgcc	180
aataacggca	ttgatgcgtt	aacgctctat	gcttttagca	gtgagaactg	gaatcgacct	240
gcgcaggaag	tgactgcgtt	gatggaactg	ttcgtgtggg	cgctcgatag	cgaagtaaaa	300
agcctgcacc	gccacaacgt	ccgcttgctg	attattggcg	aaaccagtcg	ttttaactca	360
cgtttgcagg	aacggattcg	caaagcagaa	gcgctgacgg	aaaataatac	cggcctgacg	420
ctcaatatcg	cggcgaatta	cggcggacgc	tgggatatta	tccagggggg	tccgcatctg	480
gctgagcagg	ttcaggaagg	gctgttaaga	cccaccaga	ttgatgaaga	ggcgtgagt	540
cagcaaactc	gcatgaatga	gctggcacc	gtggatttgg	ttataaggac	agggggggag	600
catcgcata	gtaacttttt	gctgtggcaa	attgcctacg	ccgaacttta	ctttacggat	660
gttctttggc	cagattttga	tgaacaagac	tttgaagggt	cgctgcatgc	ctttgccaat	720
cgagagcgtc	gtttcggcgg	caccgagcct	ggtggcgata	acgcctga		768

&lt;210&gt; 2694

&lt;211&gt; 861

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2694

cttttgcgtga	agtatcgct	gatttccgct	tttgtattaa	taccgcgtcg	catcgacgcg	60
ctgttttttac	tgcctccggg	gggattcgct	attgttacgc	tgggtgggtg	tatgctcgcc	120
gcgtgggaat	gggggcagct	tagcggcttt	acctcgcgca	ctcagcgggt	atggctggcg	180
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cttgttttag	tgcttttcta	tccgggctct	gcggcgatct	ggcgtaactc	taaagtgttg	360
cgcttatttt	tccgtctgct	cacgattgtt	ccctttttct	gggggatggg	tgcgctgcgc	420
gcctggcact	atgacgaaaa	ccactacagc	ggcgcgatat	ggctgcttta	tgtgatgatt	480
ctcgtctggg	gggctgactc	cggggcctat	atgtttggta	aactattcgg	caaacataaa	540
ctggcgccaa	aggttttctc	gggcaaaacc	tggcaaggct	tcattggcgg	cctgtttacg	600
gcagcgatta	tctcctgggg	ctatggcgctc	tggcgcaatc	ttgaggttgc	cccctccacg	660
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atgtttaagc	gtgaagcagg	gattaaggac	agtggtcacc	tgattccagg	acatggcgga	780
atactggatc	gcattgacag	ccttaccgcg	gctgttctct	tatttgcttg	cctgctttta	840
ctggtgtttg	ggacgatata	a				861

&lt;210&gt; 2695

&lt;211&gt; 1449

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2695

gaagaacgca	taataacgat	ggcgaatgaaa	aagttgctca	tagcgtcgct	gctgttttagc	60
agcgcgactg	tatacgggtg	tgacgggttc	gtagtgaag	atattcattt	cgaaggcctt	120
cagcgtgtcg	ccgttgggtg	ggccctcctc	agtatgcctg	tgcgccccgg	cgatacgggt	180
aatgatgaag	atatcagtaa	caccatccgt	gctctgtttg	ccactggcaa	ctttgaggac	240
gtccgcgtcc	tgcgcgatgg	tgatacgtg	gtggttcagg	taaaagaacg	tccaacgatt	300
gccagcatca	ctttctccgg	caacaagtcg	gtgaaagatg	acatgctcaa	gcagaacctt	360
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gcgaagatcc	agcagatcaa	catcgtgggt	aaccacgcgt	tcagcaccga	cgaactgatc	600
tccaacttcc	agctgcgtga	cgaagtgccg	tgggtggaac	tgggtgggcga	tcgtaaatac	660

cagaaacaga	aactggcggg	tgaccttgaa	accctgcgca	gctactatct	ggatcgcggt	720
tacgcccgtt	tcaacatcga	ttcaactcag	gtgagtcgta	ctccggacaa	gaaaggtatc	780
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gttaagctgc	acgttaacgt	tgatgcgggc	aaccgtttct	atgtgcgtaa	gatccgcttc	1080
gaaggtaacg	atacctctaa	agactctgtt	ctgcgcgctg	aaatgcgcca	gatggaagg	1140
gcatggctgg	gaagcgatct	ggtagaccag	ggtaaagagc	gtctgaaccg	tctgggctat	1200
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gtttataaag	ttaaagaacg	taataccggg	agcttcaact	tcggtattgg	ttacgggtact	1320
gaaagtggcg	tgagcttcca	ggtcgggtgt	cagcaggata	actggctggg	tacgggctac	1380
tctgtcggta	tcaacgggac	gaaaaacgac	taccagacct	actctgagtt	ctctgttacc	1440
aacccatag						1449

&lt;210&gt; 2696

&lt;211&gt; 1002

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2696

ttcacggttg	acggtgtaag	cctgggcggt	cgtatcttct	ataacgactt	taaagcggat	60
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ccggttaacg	aatacaaac	cctgcgcgca	ggtttagggg	acgtgcataa	cgacctgtcc	180
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aatgacgaag	ataactgcaa	caaaccggct	acggacggag	caggcaataa	gaacgtatgt	660
agttccgatg	atgcagtagg	tggtaacgct	atggccgtgg	cgagcctcga	gttcacacg	720
cctacgccgt	ttatcagcga	caagtacgca	aactctgtcc	gcacctcttt	ctttatggat	780
gcaggtacag	tgtgggatac	caactggcag	aacacgactg	aaacgcgcct	tgctggtgtg	840
ccggactaca	gcgatccgag	caacattcgc	atgtccgcag	gtatcgcat	acaatggatg	900
tcaccgctgg	ggcggttggg	cttctcttac	gccagccgt	ttaagaaata	cgatggagac	960
aaagcggagc	agttccagtt	taacattggt	aaaacctggt	aa		1002

&lt;210&gt; 2697

&lt;211&gt; 561

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2697

aacgatcgcc	ttgccacgca	aagaacggta	cccctcgggt	gccaatggga	tggttaaggag	60
ttaattgtga	aaaagtgggt	attagctgca	ggtctcgggt	tagcgatggc	aacttctgct	120
caggcagcgg	ataaaattgc	aatcgtcaac	atgggtaatt	tggtccagca	ggttgacacg	180
aaaaccgggtg	tttctgcaac	gctggaaaac	gaattcaaa	gccgtgcgag	cgaactgcaa	240
cgtatggaag	gtgatcttca	gtccaagatg	cagcgtcttc	agcgtgatgg	ttctaccatg	300
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gttggtgatt	cgaacgcggt	tgcatccaac	agcagcgatg	ttaaagacat	caccgctgat	540
gttctgaaac	aggttaaata	a				561

&lt;210&gt; 2698

&lt;211&gt; 1029

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2698

gtaatgcctt	caattcgact	ggctgattta	gctcagcagt	tggatgcaga	attacacggg	60
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accttcatgg	taagccctaa	gtaccgtgaa	cacctggccc	agtgccaggc	gtctgccgtt	180
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attgcagcca	gtgctgcgat	tgatccgacg	gctcagctgg	gtaacaacgt	atcagtcggc	360
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gtgatgaata	ttgatgatat	gagcaagcga	ctcaaagcga	ttgagcgcaa	aatcgatcaa	1020
caagactaa						1029

&lt;210&gt; 2699

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2699

gcaggcggcc	gatgcgggtg	tggagttagc	acaatgatgg	aatttattta	tccccatacc	60
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gcggcgggtg	tctcgatccc	agcccgcggc	atcgttggcc	tgaacgactc	gaaaaaactg	180
agcgaaaaag	gtcgttttag	gctgttcgat	gaaattaaag	agaaggcgtc	ggcctggagt	240
ctcgggcggc	cagaaccgca	tgagattgac	gatctaaaca	ttttgcacgc	taccatgctg	300
gcgatgcagc	gtgccgttgc	gggcctgaag	attgtgcctg	agtatgtact	gttcgacggg	360
aaccgttgcc	cggcgctgcc	gatgccttcc	atggctgttg	ttaaaggcga	tagccgcgtc	420
gcagaaatca	gtgcggcgtc	aatcattgcc	aaagtgcgc	gcgatgctga	aatggccgcg	480
ctggacctca	cttatccgcg	gtatggtttc	gccagcaca	agggatatcc	aacggctttc	540
catctggaaa	agctggctga	acatggcgca	actgaacatc	atcggcgag	ctttggcccg	600
gtgaaacgcg	cgtcgggact	ggtgtcctga				630

&lt;210&gt; 2700

&lt;211&gt; 2136

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2700

accatgaaca	tcattgccat	catggggcca	cacggcgtct	tttataaaga	cgaacccatc	60
aaggagctgg	agcaagccct	taaagcacgc	ggatatcagc	tgatctggcc	gcaaaacagc	120
gccgacctgc	tgaaatttat	cgaacacaat	ccgcgcacat	gtggcgtgat	attcgactgg	180
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tacgccttta	tcaacactca	ctcgacctag	gacgtgagtg	cgcacgatat	gcgtatggcg	300
ctgtggttct	tcgaatactc	actcggcggt	gccgaggaca	ttgcgacccg	cattcagcag	360
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gctgaagagt	acatcgcccg	gacctttggc	gccgagcaaa	gctacatggt	gaccaacggg	660
acctcaacct	cgaacaaaat	cgtcgggatg	tacgccgcgc	ctgccggcag	tacgtgctg	720
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catgcgggtga	tcaccaactc	cacctatgac	gggctgcttt	acaacacgaa	ctggatcaag	960
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&lt;210&gt; 2701

&lt;211&gt; 402

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2701

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&lt;210&gt; 2702

&lt;211&gt; 1200

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2702

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<210> 2703  
 <211> 1272  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2703

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 <211> 1176  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2704

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<210> 2705  
 <211> 1077  
 <212> DNA  
 <213> *Enterobacter cloacae*

&lt;400&gt; 2705

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&lt;210&gt; 2706

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2706

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&lt;210&gt; 2707

&lt;211&gt; 1137

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(378)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(504)

&lt;400&gt; 2707

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&lt;210&gt; 2708

&lt;211&gt; 1377

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2708

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&lt;210&gt; 2709

&lt;211&gt; 1287

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2709

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<210> 2710

<211> 777

<212> DNA

<213> Enterobacter cloacae

<400> 2710

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<210> 2711

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 2711

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cagctggcgc	ctgcgggaat	ggagatcagt	gccctgcgt	ccattggcga	catcccgtt	180
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ggtggtctga	agaacgccat	tgactggctg	tcccgtttac	cggagcagcc	actgtctggt	360
aaacctgtgc	tgatccagac	cagctcaatg	ggcgccattg	gcggcgcgcg	ctgccagtat	420
cacctgcgtc	agatcctggg	gttcctggat	gcgatggtga	tgaacaagcc	ggaatttatg	480
ggcggcgtga	ttcagaacaa	ggtcgacccg	cagacgggtg	aagtggtgga	tcagagtacg	540
cgtgaccatc	tctctggcca	gctgaccgcg	tttggggatt	atattaagcg	ggtgaaggcg	600
taa						603

<210> 2712

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 2712

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accacgcaga	ccacgaccac	cgcagcgggt	agcgcgcgcg	accaggcgt	accggccagt	180
ggccaggggg	aacagattac	ggttaagacc	gatgtgcttg	agctgactat	caacaccctg	240
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ccgttccagt	tactggaaac	cacgcctgaa	tttatctacc	aggcgcagag	cggcctgacc	360
ggtcgtgacg	gcccggataa	cccggtctaac	ggtgcgcgtc	cactgtataa	cgtcgagaac	420
gacacctttg	tgctggctga	tggccaaaac	gaactcgtta	tcccgatgac	ctataccgac	480
gccgcaggca	acaccttcac	caaaaccttc	acctgaaac	gcggtgagta	tgcggtgaaa	540
cttgggctac	agcgtacaga	acgccggtgc	gaaaccgctg	ggaaatctct	acctttggtc	600
agctga						606

<210> 2713

<211> 306



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2713

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tcatcgacac	cgctggcctg	cgcgatgcga	gcgatgaagt	cgagcgtatc	ggtatcgaac	120
gcgcctggca	ggagatcgag	caggccgacc	gcgtgctgtt	tatggtggac	ggcaccacaa	180
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tgccgatcac	cgtggtgcgc	aacaaggccg	acgttaccgg	cgaacacgtg	ggcatcagcg	300
atgtga						306

&lt;210&gt; 2714

&lt;211&gt; 1029

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2714

ttggctgtag	catactctgc	attaccttac	ttatggatcat	ccagcccgcg	gcgcactatg	60
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gagcgcagcg	tcaccaaagc	cgcgaaagcg	atgaacgtga	cgccgtccgc	ggtgagtaaa	180
tcgctggcga	agctgcgcga	ctggttcgac	gatccgctgt	ttgtgaaaac	gcctttagg	240
ctattgcccc	caccgctgac	ggtagtctg	gaacaggatt	tggccgactg	gatgcagatt	300
ggcaaccaga	tcctcgataa	attccacccat	agctctcctg	gcgggcttaa	gtttgtgctc	360
gccgccgaaa	caccgctgat	gctgatccgc	tttaataccc	tgctggagca	ggtgaatgaa	420
cgctacccac	aggcgacggg	gaagctgcgg	caatgggatt	acgattcgct	ggacgccatt	480
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ctgctaaagc	tgatgccgtg	gtttatcgac	tacgaaatcc	tgttcagtg	ccgtccgtgc	600
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caggcagaaa	agctcaccgt	acccttcacg	ctgatctggc	ataaacggaa	cagccataat	960
ccgaaaatcc	tctggctgcg	tgagacgatt	aaagcgtgtg	ataccgcacc	agatcaggtt	1020
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&lt;210&gt; 2715

&lt;211&gt; 288

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2715

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tgccgtttca	cgccaacatg	ctcaagctac	ggaattgagg	cattgcgag	gtttggagtg	180
ataaaaggca	gttggttgac	ggtgaaacgc	gtattaaaa	gccacccttt	acaccaggt	240
ggagacgacc	ccgtccctcc	aggacctttt	gataccagag	aacactaa		288

&lt;210&gt; 2716

&lt;211&gt; 741

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2716

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gacatcatta	acgaagagca	cggggtggat	ctggcgaaag	cggatctgga	accggtgtac	300
cgcgccgagg	tcgcacgcct	cttcgacgcc	gagctggaag	ttatcgctgg	cgctaacacg	360
ctgctggatg	cgatgacggg	gccgatctgc	gtggtctcta	acggcccggg	cagcaaaatg	420

cagcactcgc	tcggaagct	gaatatgttg	caccacttcc	cggaaaaact	gttcagcggc	480
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catccaaaag	tgacgacctt	taccgatctg	gcgcaactgc	cagcgttgtg	gaaggcgcg	720
gggtgggata	ttactcgctg	a				741

&lt;210&gt; 2717

&lt;211&gt; 594

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2717

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ctgttttcag	gtgcgacatt	agcggctgac	ggtactgttc	atttccgtgg	cgaggtgatt	120
gattctactt	gtacagtcac	gactgatacc	agtaatcaga	ctgttaatat	tggctgtgta	180
tcggtaaaaa	ccttcgcggg	tattgattcc	accgcgtctg	ttaaagattt	ccacatccgt	240
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ttcaacctga	gcgatgatac	cgcgatccct	ttgtataaca	attctaaata	cgttgccatt	480
gcagatggta	aagcggatat	gggattccaag	cgcgaaattcg	tccagactct	ggcaacagtg	540
acgccgggta	ctgcgaatgc	tgactctcag	tttactattg	aatacctgaa	ataa	594

&lt;210&gt; 2718

&lt;211&gt; 963

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2718

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taa						963

&lt;210&gt; 2719

&lt;211&gt; 831

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2719

gttcagcgat	acggatgcgc	tgttcacccg	tccggcgaag	aaacaaaccg	aagattatat	60
tactggccgc	tacggttgat	ttgccttagt	gcatgtggag	aaaccatgga	caacctcaat	120
cttaataaac	acatttccgg	ccagtttaac	gcagagctgg	aaagcattcg	caccaggtg	180
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&lt;210&gt; 2720

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (10)

&lt;400&gt; 2720

ggagcgatgn	acettccatt	cgcctgggtc	aagacgtcta	tggagcgggg	cgtattttatc	60
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&lt;210&gt; 2721

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2721

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cgctcgggtg	atatggtcat	tgatggcagc	gtacgcggcc	gtcttgagcg	ccttgacagc	540
gtcttgacgt	cttaa					555

&lt;210&gt; 2722

&lt;211&gt; 1554

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2722

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gctcagttca	atgttgtgag	tgaagctcac	aacgaaggta	ctattgtttc	tgtaagtgc	120
ggtgttatcc	gcatccacgg	cctggccgat	tgtatgcagg	gtgagatgat	ttccctgccg	180
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gaaggcaagc	tgaagctat	cctcgattcc	ttcaaagcaa	cccaatcctg	gtaa	1554

&lt;210&gt; 2723

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2723

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gcaaaagaga	tacgtagtaa	gatcgcaagc	gtccagaaca	cgcaaaagat	cactaaagcg	120
atggagatgg	tcgccgcttc	caaaatgctg	aaatcgacgg	atcgcatggc	ggccagccgt	180
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gtttacaaca	aagctcgtea	ggccagcatt	actcaggaac	tcaccgagat	cgtctcgggg	900
gccgccgcgg	tttaa					915

&lt;210&gt; 2724

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2724

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gaatcgaagc	gtaaggctga	agagcacatt	aacagctctc	atgggtgacgt	ggattacgct	360
caggcgtctg	cggagctggc	caaagcgatc	gcgaaactgc	gcgttatcga	gttgaccaa	420
aaagcgtatg	aa					432

&lt;210&gt; 2725

&lt;211&gt; 1425

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2725

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&lt;210&gt; 2726

&lt;211&gt; 1845

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2726

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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2727  
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 aacaaaatgt attcgtctta tccggagcag cgcgcagaag gtgaaattct gctggacggg 240  
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<210> 2728  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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<210> 2729  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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 acggcgtcgg ttgtggtgcc gtccaccata aacagcacgc ggtcggcctg ctcgatctcc 180  
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&lt;210&gt; 2730

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2730

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atgtttgctg	tcgcgtag					258

&lt;210&gt; 2731

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2731

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&lt;210&gt; 2732

&lt;211&gt; 1506

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2732

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&lt;210&gt; 2733

&lt;211&gt; 696

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2733

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&lt;210&gt; 2734

&lt;211&gt; 2538

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2734

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&lt;210&gt; 2735

&lt;211&gt; 1086

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2735

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cattaa						1086

&lt;210&gt; 2736

&lt;211&gt; 1074

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2736

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&lt;210&gt; 2737

&lt;211&gt; 909

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2737

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&lt;210&gt; 2738

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2738

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tga						303

&lt;210&gt; 2739

&lt;211&gt; 2181

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2739

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&lt;210&gt; 2740

&lt;211&gt; 18048

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2740

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&lt;210&gt; 2741

&lt;211&gt; 1197

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2741

actgaaaacg	gagggcgtgg	catgaatgat	ttctcccgt	ttaatagccg	actgaaggag	60
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&lt;210&gt; 2742

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2742

cgcaaaaatg	ttcctgtgca	taacattgat	aacggtttat	taaccaaaca	gggtgcggta	60
aaattattca	atgcgacaaa	gagtattggc	tttaattaca	gatgggaata	ctatttgcat	120
tctcaggagc	aggttatgtc	tcaaaattta	cctttttatac	aaggtagctg	ctacaagcaa	180



cggtttgtta	tttcagcctg	cggtttcacc	ttcagaggggt	atagcctgct	tctgaagtca	240
cgtggcgtaa	acgccacgcg	gctccatttt	gaagaggatg	aagtttgctc	aggtgatgtt	300
cataaaatga	tgcaaaatca	accacctgaa	gttgctgttt	ttcttggtcg	cgacgtcgct	360
gcctttcttg	aaagcctgaa	gcagttggta	tcggttctga	atgcgctgcc	ggttatttgt	420
agcgtgacgc	tgtatggcgc	aataccagag	agatggcttt	atgccacggt	gtgtagtctc	480
gttaataata	ccaaatcggt	atcgatgac	aggatagcga	atatttcaga	cgtaatggac	540
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gagaaagaag	gtaaagaaag	tctgaatggg	ttaacaaagc	gcgaattaac	cgtattgctg	660
aattttttatc	gggggtatttc	gataaaaagag	cagtctgcga	ggtttaggggt	gtcagataaa	720
accatttata	cccatagaaa	aaaggggggt	ggaaaaatat	atcctaacca	gggttttggg	780
taa						783

&lt;210&gt; 2743

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2743

aacagagtga	tatttttcggg	aggtcttatg	gcagacttta	cattgtcgaa	accgattttt	60
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agcaccgtat	ttggactcat	tccttctctc	gcgggcagca	tggttctggg	cgtgattgcc	300
ctcgtctctg	gctggcgcaa	tcgccactga				330

&lt;210&gt; 2744

&lt;211&gt; 1335

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2744

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acggcctcta	actga					1335

&lt;210&gt; 2745

&lt;211&gt; 1728

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2745

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gtgcgcccgc	acgtcaggg	tgttaccac	aggatgctgt	cccacctga	gcccctcagt	360
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&lt;210&gt; 2746

&lt;211&gt; 876

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2746

cggcgacgaa	acacaaagtg	cgacgcgcag	atgctgatcc	acactgccac	caccgcaaaa	60
ccggaaatgg	ctgacagcgc	cacaaacacc	gtatccggcg	cgaccacgct	ggagaacagc	120
gccagcacgc	gcgccagcat	ggaaacggag	agcgcgctca	gcggcacgcc	gtttttgttg	180
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agaataatga	aggcgatgat	ggtgatgact	ttcaccagcg	agaaccagaa	ttccccttcg	720
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cacgtccaga	cggaaccctg	cggaaccag	tactgcatac	agaaccggcg	tgcggtaaag	840
ctcgatccga	gcgccaccgt	ccaggtcaac	cagtag			876

&lt;210&gt; 2747

&lt;211&gt; 1155

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2747

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ctgtcaccct	atttctcggc	gattctgtgg	gccgcgatcc	tgaccatcat	tttcaaccgc	180

gtgaaaaaca	agctgcgtac	cgcgctgggc	gatcgcaacg	ggctggcttc	cctcctcaca	240
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gtggaactga	acatggttta	caccaagctg	caacagaaca	acacgcagtt	cccggaagtc	360
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cctccgcatc	tctaa					1155

&lt;210&gt; 2748

&lt;211&gt; 1821

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2748

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agtatgctgg	aggcgggtta	a				1821

&lt;210&gt; 2749

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2749

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gcgcgataa						789

&lt;210&gt; 2750

&lt;211&gt; 1221

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2750

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&lt;210&gt; 2751

&lt;211&gt; 1095

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2751

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ttctgcgaat	acacctctca	tggccactgt	ggtgtgctgt	gcgatcacgg	cgtggacaac	540
gatgcgaccc	tgctgaatct	gggcaagcag	gcggtggttg	ccgccgcgcg	gggtgcggat	600
ttcattgcgc	cttctgcggc	aatggatggg	caggtagcgg	cgattcgcca	tgcgctggat	660

gccgcgggct	tcaccgacac	cgccatcatg	tcctactcca	ccaaattcgc	ctcctctttc	720
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gaacgcaccg	aactgccgct	ggcgcatcac	caggtaagcg	gtgagtacgc	gatgatcaaa	960
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aaaattctgc	gttaa					1095

&lt;210&gt; 2752

&lt;211&gt; 1959

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2752

atagtagttc	aggagaacat	aatgaacagg	atactgggtg	gtatcatttt	ttctcttttt	60
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actcactaca	ctgagtcctg	gtctgtagcc	caactgggtat	ctgaatatata	ccgatttgaa	180
tcatggattg	gactgtacgc	aaccgagact	gatgacgtta	cggtagacca	ggttcgcgatg	240
cgcttgaaa	tcatgctgag	ccagaatgat	ttattgaaag	aaggcggcct	gggtcgttat	300
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cgtcttgagt	tagaggtcac	ggagtcctcc	ctcttcagtg	acagaaataa	ccccattgcg	1620
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tttgtcaatc	cgatatctac	gcaggaagat	gcgcttaata	ttgtgaagct	gattaccggt	1800
atggctaaaa	gccttaatat	gggcgtcata	gctgagggcg	ttgagaccga	agagcagctt	1860
gagcggcttc	aggctctggg	ttgcgagctt	gtgcagggat	atcttttcag	caaaccacag	1920
cctcaggtcg	acagcaaaat	caagagcggc	caggaatga			1959

&lt;210&gt; 2753

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2753

tcgaactcat	tcagcatgat	gttcgataat	agcggcgata	taacaccgcc	ctgtggtaca	60
ccttcactgg	ccgcccga	gagaccgaca	tcgatatgtc	ccgccttgat	ggttttccac	120
agcagagtca	tgaacgtgc	gtcactgatc	ctgcggcgta	cagccttcat	cagcagtcga	180
tga						183

&lt;210&gt; 2754

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2754

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tcccttcgcc	atgtaatggg	ctttcccat	cgcggactac	tacggaagct	ccgccagcca	180
gcgcgtcatc	ggagccatgc	ccccttaaca	tccgtcgctg	accttccccg	gtttacctgc	240
ctggactcag	gcatactgag	gaggctgccc	gtcgcactct	ttatccttgc	ttgccgcaag	300
ttggcagaag	tcagcaacgc	aagcgtgata	gacgctgctg	ccccggtgtt	tcgcatacat	360
gtcaaaacac	cttcgaccgg	cagtgccttac	gtatcactgc	cagttcctcc	tgcacggcct	420
gtcagatcac	gtaggccgtg	gtga				444

&lt;210&gt; 2755

&lt;211&gt; 423

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2755

acgctgctgc	cccgggtgttt	cgcatacatg	tcaaaacacc	ttcgaccggc	agtgcttacg	60
tatcactgcc	agttcctcct	gcacggcctg	tcagatcacg	taggccgtgg	tgacgttttc	120
aacccacaga	ggcggattaa	cgggttcag	ttcttcagcc	tttcagtact	taaccttgag	180
gatcatctcg	gcttagtgat	ctcgctcaa	tccccgttgt	cagcgggtta	catcacctg	240
cgggcatgcc	gcaggctact	gccgctcagg	ttctccaccg	tcacaccgg	tgggattgtt	300
gggtttctca	tcgtgagtta	cgggttcaat	attccagaca	gactcgcgg	tcatttaagc	360
atccatgccc	gccctgaact	cggggcacac	tatacgtcac	atcgccgcac	cacacctgat	420
tag						423

&lt;210&gt; 2756

&lt;211&gt; 522

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2756

aatggaaaac	gacatatata	aaaaggctac	cgcgcttttg	atgtcagact	ccctgaacag	60
ttctcgtaa	tcgaaaaact	cagagcgcag	tatcctgtgg	tcacactctg	ccaggtgttc	120
ggggttcac	gcagcagcta	caaatactgg	gtgaaaagcc	ccgaaaagcc	agacggcaag	180
cgggctgtat	tcgtagcca	ggttctggag	ctgcataaca	ttagccatgg	ctctgctggc	240
gcgaggagta	tgcgcattat	ggcaaccctg	agaggtttca	gaatgggacg	ctggcttgcc	300
ggcagactca	tgaaagaact	gggactgggt	agttgtcagc	aacccaccca	ccggtataaa	360
cgtggtggcc	atgaacacat	tgtatccca	aaccaccttg	agcgacagtt	cgcagtgaca	420
gagtctaate	aggtgtgggtg	cggcgatgtg	acgtatagtg	tgcccgaggt	tcagggcggg	480
catggatgct	taaatagaacc	gcgagtcgtg	ctggaatatt	ga		522

&lt;210&gt; 2757

&lt;211&gt; 1530

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2757

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cgaccactgg	gtatccccgc	ggtgcgggat	cgtattgttc	agcggggccat	gctgatggcg	360
atggagccga	tatgggagag	tgattttcat	acgctctcat	atggcttccg	gcctgagcgc	420
agtgtccacc	acgcgatccg	cacggtgaaa	ttacagctca	cagactgtgg	tgaacccgg	480
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ctgatgaagg	ctgtacgccg	caggatcagt	gacgcacgtt	tcactgactct	gctgtggaaa	600

accatcaagg	cgggacatat	cgatgtcggg	ctcttttcggg	cggccagtga	aggtgtacca	660
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gccatcaggg	aggagtgtcg	gggtgtgctc	gaaggcagtc	tgaaactcag	gctgaacatg	960
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agcggcgaaa	tactgtaccg	gttggtgggg	caaggcaaga	agctgttccg	ctggcggcta	1440
cccgaaggta	atccctatct	gaggacggag	accagaaaca	cgtatacatc	gcgctttaca	1500
gaagtggcaa	tggcgttcgc	cagcatttaa				1530

&lt;210&gt; 2758

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2758

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actctaaagc	cgtggccagt	tttggttgac	cacttcaaac	aactcaaccc	atctatgctg	120
cactttctgg	ctgaatgctt	aaccctgtct	gttgaacggc	ggcataaccc	taaaggctat	180
accgccagcg	ttatgtttatc	gcgccattaa				210

&lt;210&gt; 2759

&lt;211&gt; 957

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2759

tgtggtactg	gcagggatcg	cagtgatcgc	cgcgatcgcc	tttggattag	aactgggact	60
gcgcgcgcta	cagcgctcgcc	tgacgccttg	gcatggagaa	atacaatgag	tgaacgtctg	120
acgattatcc	cgttggggcc	gtacattggc	gcgcaagtgt	cgggcctgga	cgtaaccctg	180
ccgctgagcg	ataaccagtt	tgagcagctg	taccacgcgg	tgctgcgta	tcaggtggtg	240
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aaaacggaag	aggagcacca	gcgctggctg	gatgcggctg	aaaaacatcc	cccgtgctg	660
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gcgatctggg	ataaccgcgt	caçgcagcat	tacgccaatg	cggattatct	gccgcagcga	900
aggattatgc	agcgggcgac	gatttttggg	gataagccgt	tctaccgtgc	ggtttga	957

&lt;210&gt; 2760

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2760

gggatgaaac	tgggctatga	ctggaaacca	aacctgtctg	gctacgtcac	gccttacgcg	60
gcgatttctg	gcctgttcca	gtcccgtgat	gaataccagt	taagcaacga	catgcgtatc	120
gatggtcagt	cttacgacag	tatgcgttat	gaagtcggcg	tggatgcagg	ttataccttc	180
aatacgggcg	gcgagcaggc	attaacgcct	tacttcaaac	tggcttacgt	gtatgacgat	240

gctgacaaca	atgctgatat	caacaacgac	agcattgata	acggcgtaga	aggctctgcg	300
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gcgacttata	tgggcggcgg	cgacgttgac	cagaactggg	gagcaaacct	gggtgtgaaa	420
tatacctggt	aa					432

&lt;210&gt; 2761

&lt;211&gt; 1239

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2761

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tcggcattta	tttgggcact	gctggctgtc	attttctggc	aggccgggtg	cggcgcgtgg	120
ctgaccgcgc	ttacgggggc	aacgggcgat	attcccat	gcgcagcgcg	cttctggtcc	180
atgagctatc	tgtttttcta	cgcttattac	gtgctctgcg	tagggctttt	tgccatgttc	240
tggtttgtct	atttctctca	ccgctggcaa	tactggctga	ttctcggcac	gtcgttaatc	300
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acgcttggtg	agctgatgtc	catctacaaa	cgtttacgca	gttttcgagcg	tgagctggac	1200
gataaggacg	tgcaggaagt	caccataca	ttaggttaa			1239

&lt;210&gt; 2762

&lt;211&gt; 1110

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2762

aaaggaattg	ctatgccatt	tgccgtacca	cgtgcattac	ctctgacggt	actcgccgct	60
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cctggcctga	acaaaatcgc	ctggaaaag	atcgaccgcc	gggccgaatc	gatgcatatc	360
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gaacggctgg	atacggtgaa	aaccgagaag	cagcttagcg	ccattttcga	tgatttcata	480
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gatggtacgg	tgcgtcagga	ggtcttctct	ctgcgcgggtg	ggctgtggtt	tgggacgtat	660
cacctgctga	attatccggc	caactacgat	aaaccgctgt	atcgctttgc	cgactttaat	720
gcgggctggt	atgccagccg	aaatgcagcc	ttccagaatg	cggtaaagccg	cgccagcggt	780
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gaacgtgcgg	tgcgaaaact	ctcgacgaag	ctggagatga	gcaacaacga	cattcgccga	900
cagctggaga	agggcgacag	cctggcggtt	gagaaaacgg	atctctataa	gcaggtcttt	960
gcgctggccg	agaagaaaag	tggaaaggca	ttaccagag	ccattctgcc	agggattcaa	1020
ctggaaagcc	cgaagatcac	gcgtaacctg	acgaccgcct	ggttcgcgaa	acgcgtgaac	1080
gatcgctcgg	cacgctgtat	gggactgtaa				1110

&lt;210&gt; 2763

&lt;211&gt; 396



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2763

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&lt;210&gt; 2764

&lt;211&gt; 1425

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2764

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&lt;210&gt; 2765

&lt;211&gt; 1038

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2765

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&lt;210&gt; 2766

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2766

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caatga						846

&lt;210&gt; 2767

&lt;211&gt; 2391

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2767

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&lt;210&gt; 2768

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2768

cttgaggtat	gcatgaacgt	taatgcgaaa	ccactttctg	aattaagccg	gctcatlaag	60
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&lt;210&gt; 2769

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2769

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ccgcatgact	ataacgggtg	gttaccacca	aacgaatcgg	aaaaccgata	ctggaaaaac	480
tctaaagccg	tggccagttt	tggttga				507

&lt;210&gt; 2770

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2770

aggctatacc	gccagcggtta	tggtatcgcg	ccattaacgc	aaacactccc	cagccaaagt	60
actcccgcgt	gtacgtcaca	tgacgttcag	gcgctatcgt	cagctccgcc	cgaacctcct	120
gcgcgaagtc	atacgtctgg	ttttcctcca	gccagcgccg	catggtcac	cattttgcgg	180
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<210> 2771  
 <211> 951  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 2772  
 <211> 783  
 <212> DNA  
 <213> Enterobacter cloacae

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 tga 783

<210> 2773  
 <211> 252  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2773  
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<210> 2774  
 <211> 672  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2774  
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<210> 2775

<211> 1167

<212> DNA

<213> Enterobacter cloacae

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<210> 2776

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 2776  
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 aaaatctccg tgatgggtca cggcatgggt atcccattct gctccatcta caccaaagag 240  
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 aaccgcattc gctttaaaga tcatgacttt gcggccattg ctgactttga catggtgcgt 420  
 aacgcggttg acgcggcaaa agcgtgggac gtagacgcgc gcgtgggcaa cctgttctct 480  
 gccgatctgt tctactcgcc agaaggcgac atgttcgacg tgatggaaaa atacggcatt 540  
 ctgggtgttg aaattgaagc ggccgggtatc tacggcgttg cggctgaatt cggtcgaaa 600  
 gcgctgacta tttgcacgt gtctgacctt atccgtactc acgagcagac caccgctgcc 660  
 gagcgtcaga ccaccttcaa cgacatgatc aaaatcgcgc tggaatccgt tctgctgggc 720  
 gataaagagt aa 732

<210> 2777  
 <211> 1389  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2777  
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 gtggcggcgt cgccgagcgt ggcccgcgat gaacggctga gcggctatgc gggcaatgca 180  
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 tgctcggtaa tgctcgatgg cgatgcggat tcccgttttc gtacctgcg cagccataaa 780  
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<210> 2778  
 <211> 906  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2778  
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 agccagctgg agcagcaggt ggggatccgt ctgttgaaat gcacgacgcg cagaataagc 180  
 ctgacgtttg cggcgagcga ctatctggtg cactgtcgcg agatgctggc ggccagcgag 240  
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 ggctttgacg tggcgctgcg caccggcaaa ccgcaggatt ctccctgat tggccgcatg 480  
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 agcgttgagg gaaacgatct ctggctggcc taccgagtc gtaagctcaa ttcgctgcg 840  
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 ggtga 906

<210> 2779  
 <211> 414  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2779  
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gatctgcatt	taccgttgct	acagctgatg	ctgacgccc	atgaacgcga	agcgctggg	240
acgcgggtac	gcattattga	ggaactgctg	cgcggcgaaa	tgagccagcg	cgagctgaaa	300
aacgagctgg	gcgcgggcat	cgcgaccatt	acccgtgggt	caaacagcct	gaagtcggcg	360
ccggttgaac	tgcgtcagtg	gctggaagcg	gtattgctga	aaaacgcccg	atga	414

&lt;210&gt; 2780

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2780

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acccagcgcc	tcacccgcgc	ggactttctc	cagtatgacc	tccggcagcg	gcagcgtggc	180
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attcgccacg	cgatttctgt	cgccagcgcg	tgtttctctg	ctgcccacacg	gctgttccgg	360
cacaccgctc	tcgacgcgga	cggcgctcaat	atggcaggat	ccttcgccaa	agatctcttc	420
aaatgccctt	ag					432

&lt;210&gt; 2781

&lt;211&gt; 571

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2781

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&lt;210&gt; 2782

&lt;211&gt; 642

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2782

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atggataaag	cgcaaagttc	cgccaatacc	gcaggggaaa	aaatcgatag	ctctatgaat	180
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gatcacgact	ccattaagag	caccgatatt	tctgttaaaa	ccgacaacaa	ggttgtcacc	300
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gacgacatcg	tgccatccc	tatggtgaaa	gttgaaacca	ccgatgggtg	ggtccagctg	540
tccggtacgg	ttgagaatca	ggcacaaaag	gatcgtgccg	agtcaattgc	aaaagctatt	600
gatggtgtga	aaagcgtcaa	aaacgatctg	aaaacgaagt	aa		642

&lt;210&gt; 2783

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 2783  
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 attgtgcccg ctattgaagc ggcgagattc gacaaagtgc tggcgcttgc ccgggggcac 180  
 gatgcgctgt atgccgcgtt gggctctgat ccgatcgta ttgagcacca tcttgatgac 240  
 catctcgaca ggctggatgc cagctgcaa aacgcggata cgaagctggt tgccatcggg 300  
 gagatcgccc tcgatctcta tcgttaa 327

<210> 2784

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 2784  
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 gcgcagcgtt ttatcgagct gggctataaa attggcgctg gtggcaccat tacctatccg 240  
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 gcggcgcgcg tttttgatgt gctgtgtgag ttgcgtcagg agcctgaaga tgtgattgcc 420  
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<210> 2785

<211> 1239

<212> DNA

<213> Enterobacter cloacae

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 gaagcctgtg caaaaggcga agcggacaac ggtcgtaaaag gccctctgaa cctgccaaac 180  
 ctgaccgcgc tggggctggt aaaagcgcac gaaggctcta ccggttaagat cgcagccggt 240  
 atggacggta acgcggaagt ggtgggcgcc tacgcgtggg cgcacgagct ctcttccggt 300  
 aaagatactc cgtccggcca ctgggaaatc gccggcgtgc cgggtgctgt cgactggggt 360  
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 gccaacctgc cgggctacct cggtaactgc cactcttccg gtaccgtgat tctggaccag 480  
 ctccgcgaag agcacatgaa aaccggcaag ccgattttct atacctctgc tgactccgtg 540  
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 atcggccgtg aagagctgac cgaaggcggc tacaacattg gccgcgttat cgcgcgtccg 660  
 tttatcggcg acaaagcggg taacttccag cgtaccggca accgtcacga tctggctgtg 720  
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 tccgtgggta aaatcgcgga catttacgcc aactgcggca ttaccaaaaa ggtcaaagcg 840  
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<210> 2786

<211> 1071

<212> DNA

<213> Enterobacter cloacae

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 tgcgacctgc caacggatgt ctctttatgg ccaggattgc cgctctcttt aagtggcgat 180



gaggtgatgc	ctctcgatta	ccacgctggc	cgtagcggct	ggctgctgta	cggacgcggc	240
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attgcctacc	atgccaaacc	gaaagtgaat	gaaaagacgg	aagtcactat	ccgtcatgct	1020
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&lt;210&gt; 2787

&lt;211&gt; 1770

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2787

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ataaacgaat	tgagccacgt	tggacttcgc	ctctttttatc	gtgatgagaa	tgaatttcag	1740
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&lt;210&gt; 2788

&lt;211&gt; 1113

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2788

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&lt;210&gt; 2789

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2789

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&lt;210&gt; 2790

&lt;211&gt; 1422

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2790

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gccagctggc	aggacgcggc	gaaagcggtg	aaggcggcaa	tatctcttga	cgataaagca	1380
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&lt;210&gt; 2791

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2791

aattcaggcg	ctggtggatc	actcaatgat	gggcaacccg	cggcgcgtgg	cggtcgggtct	60
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&lt;210&gt; 2792

&lt;211&gt; 1236

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2792

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&lt;210&gt; 2793

&lt;211&gt; 1983

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2793

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tga						1983

&lt;210&gt; 2794

&lt;211&gt; 567

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2794

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atctttggcg	aaggatcctg	ccatattgac	gccgtcggcg	tcgagagcgg	tgtgccggaa	180
cagccgtttg	gcagcgagga	aacacgcgct	ggcgacgaa	atcgcggtgc	gaatgcaaaa	240
gccgcgcgcg	cagacgctga	cttctgggtc	gcgattgatg	ctggtatcga	cgaaggagcg	300
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&lt;210&gt; 2795

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2795

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gaacacgac	tgctggtgga	ggtgaaagcc	gtctccgtaa	acccggtgga	caccaaggta	180
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tacgcggggg	atatcaccgc	accgggcagc	aataccacac	atcagctgat	cgatgcgcgc	360
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&lt;210&gt; 2796

&lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2796

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aataccgaca	ccttcccggc	cctgatctat	accatcattg	tcgatcttcc	tgacgatata	300
ggcgtgacgt	taaacgcgtg	a				321

&lt;210&gt; 2797

&lt;211&gt; 1629

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2797

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ccggactacg	ctaaatttct	ggctaaccgg	tcagaatggc	tggagctgga	aggggcgaaa	360
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&lt;210&gt; 2798

&lt;211&gt; 1764

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2798

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tccgttgaag	aagcgggtat	cgaggtgggt	aacgccttga	aaggtctgga	tgaagtgtat	420
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gatgccctgc	gtctgccaga	ctgggatgcg	aaaatcgcta	acctgtccgg	tgggtgaacgc	600
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aagtacaagc	gtattgcgaa	ataa				1764

&lt;210&gt; 2799

&lt;211&gt; 663

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2799

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&lt;210&gt; 2800

&lt;211&gt; 1050

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2800

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&lt;210&gt; 2801

&lt;211&gt; 696

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2801

ggattaacga	tgaaaaaat	cattattgca	accgctgttg	caatgaccct	ctctgcgact	60
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&lt;210&gt; 2802

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2802

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ctggatggtc	aggccacgat	taccgttaaa	tatctctga			699

&lt;210&gt; 2803

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2803

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&lt;210&gt; 2804

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2804

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&lt;210&gt; 2805

&lt;211&gt; 570

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2805

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caaaatagcc	ctataaaaacg	ctaccgttag				570

&lt;210&gt; 2806

&lt;211&gt; 2451

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2806

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&lt;210&gt; 2807

&lt;211&gt; 1152

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2807

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&lt;210&gt; 2808

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2808

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&lt;210&gt; 2809

&lt;211&gt; 1095

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2809

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&lt;210&gt; 2810

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2810

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atggaagagg	tcaaacagag	caatcgtctg	gttattaaga	cgcgctaa		468

<210> 2811  
 <211> 3705  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2811

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cataacggta	accgagaggt	gctggcacca	ccgccttttg	attaa		3705

&lt;210&gt; 2812

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2812

ccgatgacaa	cccagtatgg	atttttttatt	gattccagcc	gctgcaccgg	gtgcaaaacc	60
tgcgagctgg	cctgcaagga	ttacaaagac	ctgaccccg	aggtcagctt	ccggcgattt	120
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gcctattacc	tgctgattgc	ctgcaaccac	tgcgaagatc	cggcctgcac	caaggtctgc	240
ccgagcgggg	caatgcacaa	gcgtgacgac	ggttttgtgg	tgggtggacga	ggatgtctgc	300
atcggtctgc	gctactgcca	catggcctgc	ccgtacggcg	cgcgcagta	caatgccgcc	360
aaaggccaca	tgaccaagtg	cgacggctgc	cacagccggg	tggcggacgg	caaaaagccc	420
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aaaaaacacg	gccagcttgc	tgccgtcgcg	ccgctgccgt	ctgcgcactt	cacaaagccg	540
agtattgtga	ttaaacctaa	cgccaacagc	cgtccgacgg	gggacaccac	cggctacctg	600
gcaaaccgga	aggaggtgtg	a				621

&lt;210&gt; 2813

&lt;211&gt; 495

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2813

tgcggcattt	ccttacgctt	tctgacactc	atcctctttc	atttcttcta	cactctgctt	60
caatcattcc	gtaatttgca	cgcaaaggta	acagttgcgc	acgttggcgc	gtataatgcg	120
cggcgttcat	gtaaaccgta	tgctttaatt	aaggagaaaa	agatgacggc	aattgccccg	180
gtaatcacca	ttgatgggcc	aagtggcgca	gggaaaggta	ctctgtgcaa	agcgatggcg	240
gaagcattgc	aatggcatct	tttagattcg	ggagcaatct	atcgcgtgct	ggcgtggct	300
gcgctgcac	atcatgtgga	tgttgctctc	gaagaagcgc	tggtaaccgt	ggctgcgcac	360
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gtcagcgggtg	aaatccgtac	ccaggaagtg	gccaatgcgg	cctctcaggt	ggcggctttc	480
cccacgcgtt	cgtga					495

&lt;210&gt; 2814

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2814

gctgttcagc	taatgggttt	gaaaggaacc	ggaggaatca	tgaccaagtc	agaattgatt	60
gaaagacttg	ccagtcagca	accgcatatc	cctgccaagg	ctgtggaaga	tgccgttaaa	120
gagatgctgg	agcatatggc	taccactctt	gcccaaggcg	agcgcattga	aatccgcggt	180
ttcggtagtt	tttccctgca	ctatcgtgca	ccacgtaccg	ggcgtaacct	gaagactggc	240
gataaagtgg	agctggaagg	aaagtatgtt	ccgcacttta	agccgggtaa	agaactgcgc	300
gatcgcgccca	atatttacgg	taactga				327

&lt;210&gt; 2815

&lt;211&gt; 993

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2815

aatgcagttc	ggtcaatgat	tgcacgcate	tggtcgggtg	aatccccctct	gtgggtgctg	60
cttctcccgc	tctcctggct	gtatggcctg	gtgagcgggtg	ctattcgtct	gctttaccgc	120
cttgggatca	agcgcgcctg	gcgcgcacccg	gtaccggtag	tggtggtcgg	caacctgacg	180
gcgggtggaa	acggcaaaac	cccggtggtg	atctggctgg	tagagcagct	ccagaggcgc	240
ggtatccgcc	cgggagttgt	ctcacgcggt	tacggtggtg	aagcggcgca	gtatccactg	300
gtgctgagcc	cagctacgac	aaccgctgaa	gccggtgatg	agccggtact	gatttaccag	360
cgtacaggcg	cgccggttgc	ggtatcgccg	gtgcgcagtg	atgccgtgaa	ggcactgctt	420
gcggagcata	atgtacaaat	catcattacc	gatgatgggt	tgcagcatta	cgcgctggcg	480
cgtgataaag	agatcgtggg	cattgacggg	gtgcggcggt	ttggcaacgg	ctggtggctt	540
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aaagaaaact	ggtggtatct	gccggttgac	gctgaactca	gcggcgaaaca	gccggaacat	960
ttgctcaagg	aactgctcgc	gttagtgacg	ttaa			993

&lt;210&gt; 2816

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2816

agcccgttca	ctggtggcag	aagagatcaa	accatgagtt	ttgttgatcat	tatccctgcg	60
cgttatgctt	caacgcgcct	gccaggtaaa	ccgctggtgg	atatcaatgg	caaaccgatg	120
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cgtcagggtg	ccgacaaact	ggctcggcgt	caggctcgga	tggcaacct	cgcggtgccg	420
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gaacagcttc	gcgtgctgtg	gtacggcgag	aaaattcacg	ttgcggttgc	ccaggaaatc	720
cccggcaccg	gcgtggatac	ccctgaagat	ctcgcgcgcg	tacgcgtcga	aatgcgttaa	780

&lt;210&gt; 2817

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2817

ggaataacaa	tgaaaaaaat	cgccatcgcc	tgtgcattac	tctccagttt	tggtgcccagc	60
agcgtctggg	ctgatgcagc	cagcgacctt	aaaagccgac	tggataaagt	gagcagcttc	120
cacgccagct	tcacgcaaaa	agtgcactgac	ggcagcgcca	acgcggtgca	ggaaggtagc	180
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atcaatcagt	tcggcgcggt	tgagcaggac	gatcagcgca	gtagctatca	gcttaagtct	540
cagcaaaacg	gcgctgtaga	tgcttcgaaa	ttcaccttta	ccccgcgcga	gggcgtaacg	600
gtggacgacc	aacgtaataa	gtaa				624

&lt;210&gt; 2818

&lt;211&gt; 1182

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2818

gtgagcaacc	tgtcgctcga	tttttcagat	aatgcgtttc	aacctctggc	cgcccgtatg	60
cggccagaaa	atttagcgca	gtacatcggc	cagcaacacc	tgctggctgc	ggggaaaccc	120
ttgccgcgcg	ctattgaggc	ggggcatctg	cactccatga	tcctctgggg	gccacccggc	180
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cgtgaacgtc	cggattacga	cgttccggta	caccttcgca	atgcccccta	caaagctgat	1140
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&lt;210&gt; 2819

&lt;211&gt; 1314

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2819

ttcgataagc	acaggataag	catgctcgat	cccaatctgc	tgcgtaatga	gccagacgca	60
gtcgctgaaa	aactggcacg	ccggggcctt	aagctggatg	tagataagct	gcgcgctctt	120
gaagagcgtc	gtaaagtttt	gcaggtaaca	actgaaaatc	tgcaagcaga	gcgtaattct	180
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gccggcgatc	tgtttccatac	ccgtccgctg	gacgaggaag	ctgacagcag	caactacgcg	720
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gcagtaggcc	gtacgctggg	tgctgtgctg	gaaaactacc	agcaggctga	cggacgcatt	1260
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&lt;210&gt; 2820

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2820

ttaaaccctaa	cgccaacagc	cgtccgacgg	gggacaccac	cggctacctg	gcaaaccgga	60
aggaggtgtg	agatgggaag	tggatggcat	gaatggccgc	tgatgatctt	cacggtcttt	120
gggcagtgcg	tggcggggcg	gtttatcgtt	cttgcgctgg	cgtctgttaa	agggaacctc	180

aatactgaac	agcagcagcg	tttagtggtta	agcatgtttg	gcctgtgggt	gttgatgggc	240
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aaccgcgtag	gtgcctcttc	gctgagtaac	gagattgcca	gcggtgcaat	cttctttgcc	360
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aatggttggg	cgatgcgcct	gctgcccgcg	gtctcgctgc	tggcgctggg	aatcagtacc	660
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tcggcgctgg	tgccggatta	cggttcgctg	atggcctggc	gtgtgggtgct	gctgacggct	780
gcgctggtgt	gctggattgc	ccctcagctt	aaaggttact	cgcctgcgct	gccgttactg	840
tccttggcct	ttgtactggg	gctggcaggg	gagttaattg	gtcgcggcgt	attttatggg	900
ctgcatatga	cggtcgggtc	ggctatcgcc	agctaa			936

&lt;210&gt; 2821

&lt;211&gt; 1296

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2821

gagttigagtt	tcattggaatc	cctgacgtta	caacctatcg	cgcgggtaga	tggcaccatt	60
aatctgcctg	gttcaaaaag	tgtctcgaac	cgcgctctgc	tgctggcagc	tttggcaaac	120
ggcaccaccg	tcctcactaa	tctgctggac	agcgatgacg	tgcgccatat	gctcaatgca	180
ctgaaagcgt	tgggcgttca	gtacgcgctg	tctgacgata	gtaccggttg	tgaagtcacc	240
ggtaacggcg	gcgcggttaca	ttctgctgaa	gcgctggagc	ttttcctggg	taacgccggg	300
accgcgatgc	gtcctctggc	cgctgcgctg	tgtctgggga	gtaacgatat	tgtgctgacc	360
ggtgagccgc	gaatgaaaga	gcgtccgatc	ggccatctgg	tggatgccct	gcgccagggc	420
ggcgcgcaga	ttgattatct	tgagcaggaa	aattaccgcg	ccctgcgctc	gcgcggggga	480
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ctgatgccg	caccgctggc	accacaggac	accgtcatca	gcattaaagg	cgacctggtt	600
tctaagccgt	acattgatat	taccctgcac	ctgatgaaca	cctttgggtg	tgaggtggaa	660
aaccagtctt	atcagcgctt	cgtggtgcgc	ggagcgcagc	agtatcagtc	cccgggccac	720
tacctggttg	aaggcgatgc	ttcctccgcc	tcctatttcc	ttgccgcagg	tgcgattaaa	780
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accacgggtg	agctgaacgc	cattgatatg	gatatgaacc	atattccgga	tgccggcgatg	960
accattgcta	ccgctgcgct	gtttgcgaaa	ggcaccacca	cgtgcgaaa	catttacaac	1020
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gccgaggtag	aagagggcga	agactacatt	cgcgtcacgc	cgcgggcaaa	actgcaattt	1140
gcagaaattg	gcacctacaa	cgatcaccgc	atggcgatgt	gtttctcgct	gggtggcggtg	1200
tcagatacgc	cagtcactat	ccttgatccg	aagtgtacgg	caaaaacggt	cccggactac	1260
ttcgaacagc	tgacgcgcgt	tagcacctgt	gcctga			1296

&lt;210&gt; 2822

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2822

tcctggaagg	ggaagatgtc	agcggtgaaa	tcctgaccca	ggaagtggcc	aatgcggcct	60
ctcaggtggc	ggctttcccc	acgcgttcgt	gaagcgctgt	tacgtcgcca	gcgcgggtttc	120
cgtgaagcgc	cggggctgat	cgccgacggc	cgcgacatgg	gaaccgtggg	attccctgat	180
gcgccagtga	aaattttcct	tgacgcctct	tcagaagaac	gtgcccatcg	ccgcattgctt	240
cagttgcagg	aaaagggggt	tagtgtaaac	tttgatcgcc	ttttatccga	gataaaagag	300
cgcatgacc	gcgatcgtaa	ccgcgccgctc	gcaccacttg	ttcccgcgca	agacgcatta	360
gtgctggatt	caaccagttt	aactattgag	caagtgattg	aaaaagcgct	acaatatgcg	420
cgccaaaaac	tggcactcgc	gtaa				444

&lt;210&gt; 2823

&lt;211&gt; 1683

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2823

agattaaaca	tgactgaatc	ttttgctcaa	ctgtttgaag	aatccttaaa	agaaatcgaa	60
acccgtccgg	gttccatcgt	tcgtggcggt	gttgttgcta	tcgacaaaga	cggttgactg	120
gttgacgccg	gtctgaaatc	tgagtctgcc	atcccggtcg	agcagttcaa	aaacgcccag	180
ggcgagctgg	aaatccaggt	aggtgacgaa	gttgacgttg	ctctggacgc	agtagaagac	240
ggcttcggcg	aaaccctgct	gtctcgtgag	aaagctaaac	gtcacgaagc	atggatcacg	300
ctggaaaaag	cttacgaaga	agctgaaact	gtggtcgggt	ttatcaacgg	caaagttaaa	360
ggtggcttca	ctggttagct	gaatggtatt	cgtgcgttcc	tgccaggttc	tctggtagac	420
gttcgtccag	tccgtgacac	cctgcacctc	gaaggcaaag	agcttgagtt	caaagtaatc	480
aagctggacc	agaagcgtaa	caacgttggt	gtttcccgtc	gtgccgttat	cgaatccgaa	540
aacagcgcat	aacgcgatca	gctgctggaa	aacctgcagg	aaggcatgga	agtcaaaggt	600
atcgtttaaga	acctcactga	ctacggcgca	ttcggtgacc	tgggcggcgt	tgatggcctg	660
ctgcacatca	ccgacatggc	gtggaaaacgc	gttaagcacc	caagcgaaat	cgtgaacgtg	720
ggcgacgaaa	tactgttaa	agtgtcgaag	ttcgaccgcg	agcgtactcg	tgtatccctc	780
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ccatccaaag	ttgttaacgt	tggatgatga	gtggaagtga	tggttctgga	tatcgacgaa	1020
gaacgtcgct	gtatctccct	gggcctgaag	cagtgcacaa	acaacccatg	gcagcagttc	1080
gcggaacccc	acaacaaggg	tgaccgtgtt	gaaggtaaaa	tcaagtctat	cactgacttc	1140
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gttgttctgc	aagttgacgc	agagcgtgag	cgtatctccc	tgggcgttaa	acagcttgca	1320
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tctgttctgt	ctaaagacga	agctgatgag	aaagatgcaa	tcgcaactgt	gaacaaacag	1620
gaagatgcaa	atttctctaa	caacgcaatg	gctgaagctt	tcaaagcagc	taaaggcgag	1680
taa						1683

## &lt;210&gt; 2824

## &lt;211&gt; 2280

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2824

aacatggagg	tgaagatggg	gatccacgtt	atcagcatgt	gcgccattct	ggccataatc	60
ccgctctatt	ggttaccggt	tttgccagat	ttgcatattg	tctggttgct	gattggcgca	120
ggaattgcgt	tatcagtaca	gcagagaaaa	tggtcaggt	tttcaggcct	cgcattgctt	180
tttatgtgct	gggggatcct	ggccgctcag	gaaagcgtgt	ggccgatgaa	ccatttaacg	240
aaagttccgc	agcaggccga	ggtggtcatt	accgcaacgg	acggcgcaac	gatgcatcag	300
ggaaggattg	tcagcctcaa	tggagaacgt	gtgtgggctg	ccatgggctg	ggcgtgtat	360
ggcaactatc	tgccgcaaaa	cgtctgcgtg	ggtcaacgct	gggcaatgac	cctgcggctc	420
agggcggtac	acggagaact	caacgatggc	ggctatgatt	cacagaaaaa	tgctttgtc	480
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atgcgtgaga	ccggaacgat	gcactctgat	gcaatctcgg	gattgcatat	tgcgctggcc	720
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atgagcggtc	gccagtggtc	gccctggcag	gtatggctta	cctgcgtggc	ggcgatcttg	960
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gcgcttattt	tttggatatc	gtggttgctt	ctcccgctct	ggcaacgtgg	ccggtgcctg	1080
cggcgctggg	ttacgctgtt	gtatttgacg	ctcggtatgc	tgctgcttct	gttgccgctt	1140
caggtgctga	ttttccatgg	tttcagctct	tcctcgctgg	cggcggaatct	gtttgccgtt	1200
cctctggtca	cgttttatct	agttccgctg	atcctgctcg	gcatgtttct	gcactgtttt	1260
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tggcagtggc	agggtttaac	gttctccgtg	cactggccac	ccgaaaatac	ctcggcaaaa	1860
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tctacactga	ttcaggtgcc	gcatcatgga	agtaaacagt	catcttcaac	accgctgcta	2040
cagcgcgtgg	agggacagg	ttcgctggcc	tcgatggccc	gctataacgc	gtggcggttc	2100
ccttccatca	aagtagtcag	gcgctatcga	actgagggat	atctctggct	tgatactccg	2160
cagtccggac	agatatctgt	gacgttttcg	caccaaagtc	ggcaaattcg	ccgcttacgt	2220
gaacactatt	taccgcgttg	gtatcatcag	tggtttggcg	cggccgtaga	taacgggtag	2280

&lt;210&gt; 2825

&lt;211&gt; 1749

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2825

atgcataacg	acaaagatct	ctccacgtgg	caaacgttcc	gcgggctctg	gccgatgatt	60
gctcctttca	aagcaggctt	gatcgtggcg	ggcgtagcgt	taatcctcaa	cgcagccagc	120
gatacgttta	tggtatcgct	tctcaaaccg	ttactggatg	acggtttcgg	taaaacggat	180
cgttcagtgc	tgctatggat	gccgctgggtg	gttattgggc	tgatgatctt	acgcggaatc	240
tccagctatg	tatccagcta	ctgcatctcc	tgggtatccg	gtaaagtgg	gatgaccatg	300
cgcgcctcgt	tattcagcca	tatgatgggg	atgccgggtct	cattctttga	caagcagtca	360
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gggcagggtga	ctaccagcgc	cgcgcagatg	ctgaaaggcc	ataagggaagt	ggtgatcttc	660
ggcggtcagg	aagtcgaaac	caaacgcctt	gacaaggcca	gcaacagaat	gcgtctgcaa	720
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gcgggtacca	ttaccgttgt	gttctcatcc	atgatcgcg	tgatgcgtcc	gctgaaatcg	900
ctgactaacg	tcaacgccc	gttccagcgc	gggtaggcag	cctgtcagac	gctgttcagc	960
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gatatacagg	tgtccatccc	ggcgggtaaa	accgtcgcg	tggttggtcg	ttccggttcg	1140
ggcaagtcga	ccatagccag	cctgattacc	cgtttctacg	atatcgacca	ggcgagatc	1200
ctgcttgatg	gtcacgacct	gcgggaatat	accctccagt	cgctgcgtaa	ccaggttgcg	1260
ctggtctcgc	agaacgtgca	tctgttcaac	gatacgggtg	cgaacaacat	tgcgtatgcc	1320
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gacttcatta	acaaaatgga	taacgggtctg	gatacgcata	ttggcgaaaa	cggggtgctg	1440
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agccatgcgg	acctgctgga	acagcgtgg	gtttacgcgc	agcttcataa	aatgcagttc	1740
ggtcaatga						1749

&lt;210&gt; 2826

&lt;211&gt; 1245

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2826

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cttgccgccc	aggggcttct	gaaaaagccc	cgccgcccgcg	cgcagccagc	tgatatcctc	120
tctaccgtgc	aacgcattgc	gttgctgcaa	atcgacacca	ttaacatcgt	ggcgcgtagc	180
ccgtatctgg	tectgtttag	ccgcctggga	aactatcctc	cgcagtggct	ggataatgcg	240
ctgagtcagg	gcgaactgat	ggaatactgg	gcgcattgaag	cctgttttct	cccgcgcagc	300
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tgggacagaa	agcggggccga	acagctgttt	gatttcagct	accgtctgga	atgctacacc	960
ccggcgccca	ggcgtcagta	tggttatttt	gttttgccgc	tgctgcacaa	aggacagctt	1020
gtcggacgca	tggacgctaa	aatgcaccgt	aaaaccggca	tgcttgaaat	tatcgcgctc	1080
tggctggaag	agggcataaa	ggtgacggct	ggcctggaaa	aagggttaac	gactgcgctc	1140
agtgaatttg	cgcgctggca	gggggcgcat	gaaattgtac	tcggtcgcgt	gcctgtggag	1200
ctgtttgcga	cctgtcgaga	tggctgggaa	acagacactc	cctga		1245

&lt;210&gt; 2827

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2827

aaagggaatg	tgataagctt	tagcgattac	ccatacggag	gaactatgga	tcaccgttta	60
ctagaaatta	ttgcctgccc	ggtgtgcaac	ggcaaactgt	attacagcca	ggataaacia	120
gagctgattt	gcaaactgga	cagcctggcg	ttcccgtgc	gtgacggtat	tccggtcctg	180
ctggaaaatg	aagcccgttc	actggtggca	gaagagatca	aacctatga		228

&lt;210&gt; 2828

&lt;211&gt; 900

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2828

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gtggaatgcg	tgaatgaaaa	ggccgattcc	gcactctggt	cgttgatga	cagtcaggga	120
aaccccatgc	cgtgatggc	cagaagtgtt	acctcgccgg	gcgtcgccag	acagctggcc	180
tggaaaatgt	cgtatgctgg	gcgggaagg	actgtccgta	tgccgacggt	ctacggcgtg	240
atgacccatg	aggagcatcc	cgcgccggat	gttctgctta	tgcagcgttt	acgcgggggt	300
tctgttgaag	ccccgacgcg	tacaccggag	cgtgggaac	agctgaaaga	tcagattgtc	360
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ggggcgggcg	aagatttgct	ctggcactat	cttcagcgcg	cccccggttc	ggaggccttt	780
ctctggcgac	gctggctcta	tcttctctgg	gatgaggtgg	cgaactgggt	caacaccggg	840
cgttttaatc	gcgccagttt	cgatctggcc	gcaaaatcac	tcctgccctg	gcttgccctga	900

&lt;210&gt; 2829

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2829

ggcccgcat	gggccaatt	cggagatatt	accgcaatgt	caattattgg	tcgtattcac	60
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tcctttgaat	cctgtggcac	cgtcgatggc	ccgggggatcc	gctttatcac	tttcttccag	120
ggctgcctga	tgcgctgcct	gtactgccat	aaccgtgaca	cctgggacac	ccatggcggt	180
aaagaagtca	ccgtagaaga	tctgatgaaa	gaggtgggga	cctatcgcca	ctttatgaac	240
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cgggatatgg	gtaacgtgga	gaaaaatcgaa	cttctgccct	atcacgagct	gggtaaacad	660
aaatgggtgg	cgatgggtga	agagtacaag	ctcgatggcg	tgaagccgcc	gaaaaaagag	720
acgatggagc	gcgtcaaaag	tattcttgag	cagtatggcc	acaaggatcat	gtatttaa	777

&lt;210&gt; 2830

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (18)

&lt;400&gt; 2830

gggggggggg	tatggggnga	gcgaacttccc	ttccagacgc	cgtgtgtgaa	gacgatgtac	60
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agggcctgca	tccgcttcc	gctccggcaa	accagatggc	tattgacgcc	ccgctcaatc	180
cgtgggaacg	gataatccca	tccccgggtat	ggctgatgca	cagcgaccgc	gtcgggtacg	240
agacgcttgg	ccgcttgtgg	cagtggctta	agggttcgtc	aggcaagcca	gggcaggagt	300
ga						302

&lt;210&gt; 2831

&lt;211&gt; 1968

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2831

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ggcctgcaag	cgggttgacag	cgatctgcaa	gccttcccg	cgcatcagtc	actgctgaat	1920
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&lt;210&gt; 2832

&lt;211&gt; 969

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2832

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catcattaa						969

&lt;210&gt; 2833

&lt;211&gt; 2298

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2833

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ccgtatgaag	gtgacgaatc	cttccctggc	ggtgcgactg	acgcaaccac	caagctgtgg	180
gacagcgtaa	tggaaggcgt	taaactggaa	aaccgcactc	acgcgccagt	tgattttgac	240
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&lt;210&gt; 2834

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2834

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attcatccac	cagcaccacg	atgtaaggca	gtttttccag	caccggatgc	tgggcatcca	180
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cgattttctc	gttataaccg	gccaggttac	gcacgcccag	cgccgacatc	agcttgtagc	300
gacgtccat	ttcattga					318

&lt;210&gt; 2835

&lt;211&gt; 1689

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2835

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ttatcatga						1689

&lt;210&gt; 2836

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2836

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cctatagcaa	agacggcggc	ctggccgtgc	tgtacggtaa	ctttgcggaa	aatggctgta	180
tcgtga						186

&lt;210&gt; 2837

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2837

ggctacacac	gtgtacaaat	ggcgcataca	aagagaagcg	acctcgcgag	agcaagcgga	60
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tcgctagtaa	tcgtggatca	gaatgccacg	gtgaatacgt	tcccgggcct	tgtacacacc	180
gcccgtcaca	ccatgggagt	gggttgcaaa	agaagtaggt	ag		222

&lt;210&gt; 2838

&lt;211&gt; 390

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2838

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gcagaagact	acaccgagtc	tgacgattaa				390

&lt;210&gt; 2839

&lt;211&gt; 1560

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2839

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&lt;210&gt; 2840

&lt;211&gt; 1503

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2840

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taa						1503

&lt;210&gt; 2841

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2841

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atcgcacggg	aa					432

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 <211> 288  
 <212> DNA  
 <213> Enterobacter cloacae

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 agcccgcggc cggtcgactt actgtttagt cagttatcaa aactggtaga cggtgcccac 240  
 gttgccatct gccagagcac aaccacatca caacaaatcc gcgcttaa 288

<210> 2843  
 <211> 942  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2843  
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 gatgagctga tggaaagcctg ccgcgaggtg attcgccaga acaaactgac cagcgccat 300  
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 aacaccgatg tgatcattgc cgcgttcccg tggggcgcc acctgggcgc ggaagcgctg 420  
 gatcagggga tcgacgcaat ggtttcttcc tggaaaccgc tggcgccaaa cactatccc 480  
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<210> 2844  
 <211> 1854  
 <212> DNA  
 <213> Enterobacter cloacae

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 gtgaactcct tcacccagtt tgtgccgggc cagctgcacc tgcgcgatct cggttaagctg 180  
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 gtgatcttcg tctctgggtg cccaatggaa gcggggaaaa ccaagctctc cgacaaaatc 480  
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&lt;210&gt; 2845

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2845

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gatgcggtga	aaggcgatat	tgcgacccgt	gccgatagcg	gcatccgtaa	cgggctggac	180
gtggtgcgca	tgattgcgct	cggcgccgac	agcgtgctgc	tgggccgtgc	ttacctgtac	240
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atgaaagtag	cgatgaccct	gaccggggcg	aagtcgatta	gcgaaatcaa	caaagactcg	360
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gcctga						426

&lt;210&gt; 2846

&lt;211&gt; 1428

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2846

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&lt;210&gt; 2847

&lt;211&gt; 483

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2847

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cagaaaattc	gtattccgat	gatgccggac	agccgcagca	tgaacctgtc	gaatgcggtg	420
tcggtggtgg	tgtatgaggc	gtggcgccag	ctgggttattc	ccggcgcgat	actgcgtagc	480
taa						483

&lt;210&gt; 2848

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2848

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ctcgaagtga	gcagaacgcg	acactttggg	cgagcagctg	aagccctcta	cctgacgcag	120
tcagcagtca	gttttcgtat	tcgacagctg	gaaaatcaac	tgggtgtgaa	cctttttacc	180
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agcatactgg	attaa					855

&lt;210&gt; 2849

&lt;211&gt; 909

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2849

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cgcaatcgcg	tgatgatttt	agaacgcagc	gatgagaaaa	cgccgttcga	gctcggcgtg	840
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aaccactaa						909

&lt;210&gt; 2850

&lt;211&gt; 228

<212> DNA  
 <213> Enterobacter cloacae

<220>  
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 ttttctaacc atgtgccccg ccagcttgat ggggtgtttt tcttccgccc gcgccttgcc 180  
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<210> 2851  
 <211> 1551  
 <212> DNA  
 <213> Enterobacter cloacae

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 ggactgacgc tggtcggctt accagaaacg accgttaaag aggcgagggg tcgctgcgcg 180  
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<210> 2852  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

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 ttccagtat 189

<210> 2853  
 <211> 1488  
 <212> DNA  
 <213> Enterobacter cloacae

## &lt;400&gt; 2853

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## &lt;210&gt; 2854

## &lt;211&gt; 267

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2854

tattttaagtg	gttatgatgt	aacgaaaaaa	cttgatctgt	gtcaacatat	gacgcatatt	60
gcgtgcgggt	atttttcggc	tcaggtaaac	agaatgacgt	tgtatcaaaa	gatgttggtg	120
ttctacgcaa	tcattggcctc	catctgcgca	ttaatcacct	ggttccctgtc	taaagatcgt	180
aaacgtattc	gcctgttgag	cgcattcctg	gtgggatcta	cctggccgat	gagctttcct	240
gttgccctgt	tgatctctct	tttctga				267

## &lt;210&gt; 2855

## &lt;211&gt; 834

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2855

ttgccctgcc	agcttgtaaa	gcgtggggat	catcaacagc	agccccctgag	acgacgtaaa	60
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ggactgcata	tcaacaaccc	gcgggacatc	gccccagacg	ttttttatcc	cattaccagc	180
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acaacaccct	tacattgcgc	aaaaagaggg	gtctgtaaaa	cgacgacaga	ccctgaatat	360
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cgctgtatca	atgactcgaa	ggctattcgc	gttaaaaaat	tgcgagaaat	tggtaccagg	480
gcgcataatt	acgcacatcc	gctctcgacg	atgcggcgcg	tgatgcctat	tatgcatagg	540
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ttactgttgt	cggcatgcag	caatgaacct	gtacagcagg	cgacagcggc	acacgttacg	660
ccgggtatgc	gagcggctat	gtccagttca	ggtcaggcca	actgcgcaat	gatcggcggt	720
tcactctccg	ttgcccgtca	gctcgacggc	tcagccatcg	gcatgtgcgc	gttgccaaat	780
ggcaaacgct	gtagtgagca	gtcgtttgcc	gttggttcgt	gcggaagcta	ctga	834

<210> 2856  
 <211> 1461  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2856  
 cagcgaaaac aatgtcgatt tcaacaggac aatgctatgc aaaatcaatt gctgattaat 60  
 ggtgaactgg tggccggcga aggtgagaag caggcggttt ataatcctgc cacgggtgat 120  
 gtgctgctgg agattgctga agcgctcgaa gcacagggtg acgctgccgt ccaggctgcc 180  
 gatcgcgctg ttacagagtg gggacaaaac acgccgaaaa cgcgcgccga atgtctgttg 240  
 aaactggctg atgtgataga agccaacgct gacgcgttcg caaatctgga atcccttaac 300  
 tgcgggaaac cgctgcactg tgtccagggg gacgagatcc cggccgtggg cgatgtgttt 360  
 cgcttctttg ccggggccgc ccgctgcctg aacgggctgg ctgccggaga atacctcgaa 420  
 ggacatactt cgatgatccg ccgcgacccg gttggcggtg tcgcctctat tgcgccctgg 480  
 aactatcctc tgatgatggc ggcgtggaag ctggcgcccg cgctggcggc gggaaactgt 540  
 gtcgtcatca agcgtctga aatcaccctg ttgacggcgc tgaagctggc ggaactggcg 600  
 aaagatatct tcccgccagg cgtgttgaaac gtgctgtttg gtcgcggcaa aaccgtagga 660  
 gatccgctga ccggtcacga aaaagtccgt atggtttctc tcaccggctc tattgctacc 720  
 ggagaacata ttatcgggca taccgcatct tcagttaaac gtacccatat ggaattgggc 780  
 ggaaaagcgc cggtcattgt ctttgacgat gcagatttgg atgccgtggg tgaaggcgtg 840  
 cgtacgtttg gtttctacaa tgctgggtcag gattgtaccg cagcctgtcg tatctatgcc 900  
 cagaagggga tttacccgcg gctggtcgaa aagctgggcg cagccgttgc cagcctgaaa 960  
 atgggcgcgc cggacgatgc ttcaaccgag ctgggcccgc tcagctccgc agcgcattct 1020  
 tcccgcgttt gtgctgccgt ggacgaggcc aaaacccttg gacatatccg cgtcgtcacc 1080  
 ggtggcagta aaaaagaggg ggcaggatat tacttcagc caacgctgct ggccggggcg 1140  
 aagcaggaag atgcgatcgt ccagcgagaa gtgtttggcc cgggtggtcag cgtgacagaa 1200  
 tttgaggatg aagcgcaggt gctgaactgg gctaacgatt cgcaatacgg cctggcctcg 1260  
 tccgtctgga caaaagacgt cggacgcgcc catcgccctca gcgcacggtt gcagtatggc 1320  
 tgcacctggg tcaataccca ttttatgctg gtgagcgaaa tgccgcacgg cgggatgaag 1380  
 ttatccggtt acggaagaata tatgtcggtc tacggacttg aggattacac ggtagtccga 1440  
 catgtcatgt ttaaacacta a 1461

<210> 2857  
 <211> 243  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2857  
 ggagtgcaca tgtcacattt aaacaaagt t atcgcccgcg tcgatgccac catcgaagag 60  
 agcgtgatta cccacatgaa cgaactgctg atcgaattaa gcgacgatgc agagctcagc 120  
 cgtgaagatc gttataccca gcagcagcgc ctgcgtaccg cgattgcgca tcatggcaag 180  
 caacataaag aagaggcgga ggcacgccat gccacctca cgcagggtgg gactatcctg 240  
 taa 243

<210> 2858  
 <211> 585  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2858  
 tatgacgtca tgaatacaat gacagacaat atgaatcaac gcattagcgc ccgcatacgc 60  
 cttgaacgcg agtcgcgtgg ctggctatta agcgaactgg ccgaacgggc aggtatctca 120  
 cgcgccatga tccataagat tgaacggggg gacagtagcc caacggcgac gctgcttgcg 180  
 cggttatccg gtgccttcgg tattagcatg tctacgctca ttgcgcgcgc ggaaatgcag 240  
 gagggcaaac tattacgtct ggccaaccag cccgtctggc gcgatccgca aaccactat 300  
 ttgcgtcgcc atgtgtcgcc gcgcaccgat atgcctatcg acctcgcca ggtggagcta 360  
 cccgcaggca gcgatgtgcc gatgcccgtc tcctcttacg cgctggcgcg acagctgatt 420  
 tggttgcagg caggtgaact ggtctttctg gaggggata cccgccatga aatgaaggcc 480  
 ggagattgtc tggaaactcg gccgccgaac gactgccggt ttatcaacga aacggatgaa 540  
 tcgtgcctct atctggtcgt gcggcttaat cagtccggct cataa 585

<210> 2859  
 <211> 1101  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2859  
 tgcaaaggcg atccgcagga taacgtgcc a gacttgaatg acattttcag cagtaaggag 60  
 cgaagaatga atcaatcaac tacgcaaaac cgacgctggg tactggcttc ccgtccacac 120  
 ggcgcgccgg ttgccgaaaa tttccgcctg gaagagcagc cgatccccac gccgcagag 180  
 ggacaggatg tattacgcac cgtatggctc tcgcttgatc cgtacatgcg gggccgtatg 240  
 agcgaatgcg catcctattc acctcctgtc gagattgggt cggatgatgg gggcggcacg 300  
 gtaagccgcg tcgagacctc ccgccatccg gattataaag agggatgaat ggtgctgggt 360  
 tacagcggct gccaggagta tgaactgtcc gacgggcagg ggctgggtgaa gctgggtgaa 420  
 aaccgctcgc atccttcatg ggcaactcgg gtgctcggga tgccgggctt caccgcgtat 480  
 atggggctgc tcgatatcgg ccagcctcag gcaggagaaa ccctcgtcgt ggcggcggcc 540  
 acggggccgg ttggcgcaac ggtggggcag atcggaaaaa tcaaagggtg ccgggtcatc 600  
 ggctggtgct gcggggagga gaaatgccgt catgcggtcg acgtgctcgg tttcgacgcc 660  
 tgtctggatc accatgcgga tgattttgcc gaacagctgg cgaaagcctg cccgcagggc 720  
 attgacgtgt attatgaaaa cgtcggcggg aaagtctttg acgccgtact gccgtcctctg 780  
 aatacctcgg cgcgcgtgcc ggtttgcgga ctggtcagcg gctacaacgc gaccaacctg 840  
 ccggaggggc cggatcgctt gccgctgctg atggggacca tcctgaaaaa acgcatccgc 900  
 atgcagggtt ttatcatcgc tcaggactat ggtcatcgta tcgtcgagtt ccagcaggaa 960  
 atgggacgct gggatgaagga aggcaaaata cactatcgcg agcaggtcac cgaagggtg 1020  
 aacgcggcgc cggaggcgct gattgggctg ctggaaggga aaaacttcgg caaggctcgtg 1080  
 atccgcgtgg cggcggacta a 1101

<210> 2860  
 <211> 798  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2860  
 ggctgtataa atatacagtc tgtcatacat ggagtgttta tgaacagttt ctattcgcag 60  
 caagcaggct gcaactgtgc ctggcaggat cttcccgggt tcggtgacct ggttgtgttt 120  
 atccacgggt tgggctgtgc atcgctcgat gaatatcctc gtattgtctg tgatacccg 180  
 ttcggggggc gcagagccat tctgatcgat cttcccggta gcggttacag tgacaaacct 240  
 gacaactacc gttatcgcac gagcgaacag gcgcagggtg tgggtgaact gttaaacct 300  
 ctccggcctg atagtctatg gctctatggt catagcatgg gggggagtat cgcgatcgaa 360  
 acggcaacgc tgttaacgtc gcgcgttaag ggcctgatag tgtctgaacc caattttcat 420  
 gcgggtggcg ggtgtttcag ccgggcaatt cgggcccata cggaacaaca ttttctggct 480  
 cagggtctat atgacatgct gcgggcggaa acgtcgccgt gggctggaag ccttcaaagt 540  
 aatgccccct gggccgtctg gcgcggcgca acaagcctgg tcgagggcgt taaacctgac 600  
 tgggaacacc tgttcttctg attgctgtgc ccggtaatgt tagtttttgg tgagcgatcc 660  
 ctgcctgatg acgattttta tcgtctgcaa caaacggcg ttgctgtaaa aattatccct 720  
 gatgcgggcc attcaatgtc ctgggaaaac ccgtcagcgt tggctcaggc tttgtctggc 780  
 ttcataaacg gctcatga 798

<210> 2861  
 <211> 1689  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 2861  
 aataacctga tagtgattcg ttatttgtca ggccaatacg tctgtgctgt tattactgtt 60  
 cactataata aaaccgaaa ggtataaacc atgtctacag gaaaaaccgt gctcgccctc 120  
 gcgctgagcg cgtgctacc ggcaagcgcc gcatgggcgg caaataaaga caccattatc 180  
 tactgtcccg aggcgtccgc ggagtcgttt aaccgcgaga tcgccagctc tggaccttcg 240  
 tttgtcgcca gctcgaaaac gctgtataac cgtctgatta acttcgaccc ggtaaaaaac 300  
 acgccggtgc cttccctggc cgagtcgtgg accatttcgc cagacggcaa aacatacacg 360  
 tttaccctgc gtaaaggggt aaaattcaac agcaataaat acttcaaacc taccctgat 420  
 tttaacgctg atgacgttat tttctccgtt atgcgtcaga aagaccctaa gcacccctat 480

cacaatgttt	cccagggtaa	ttacgaatac	tttaatgacg	tgggcctcga	caagctcatt	540
caggatgtga	aaaagatcga	cgattatcac	gtccagttca	cgctgagcga	acccaacgcg	600
gcgttccttg	ccgactgggg	aatggacttc	gcctcgatcc	tctctgccga	gtacgcggac	660
gcgatgctga	aaaaggggac	acctgaaaat	gtggacacct	ggccaatcgg	caccggcccg	720
tatgtgcttc	agcagtacaa	ggtggattcg	ctgatccgct	acgtcgccaa	tccgaactac	780
tgggacgggtg	aggtgccgac	caaacacctg	atctttctcca	tcacgccaaa	cgttgagacg	840
cgtctggcga	agctgcaaac	gaacgagtg	cagatcattc	ctgcgccgtc	gccggtgcag	900
tttgaagcga	tcaagaaaaa	caaagacctg	accctgcact	cggtggatgc	gctgaacgtg	960
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gtcgctaaat	cgccgatccc	gccgaacatg	ctcggcttta	ataatgacct	gaaggattac	1140
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gaagtgaccc	tctgggtccat	gccggttcag	cgctccgtaca	acccgaactc	gcgacgcatt	1260
gcggagatga	tccaggctga	ctgggcgaaa	gtgggtgtga	aggcgaaaaat	cgtctcttac	1320
gagtgggggtg	agtacctctc	cggcattgct	aaaggcgagc	atgattccgc	gctgttcggc	1380
tggatgtctg	ataacggcga	tccggacaac	ttcgccgatg	tgctgctggg	ttgtaacagc	1440
atcaaaaccg	gatctaacgc	cgcgcgctgg	tgtgataagg	ggatgatga	gctggtgcaa	1500
aaggccaaac	tgaccagcaa	cccggacgaa	cgtgcgaagc	tgtatggcca	ggcacaggag	1560
attttctatc	agcaggcacc	gtggattgcg	ttagctaacg	gcaaaacggt	ctacgcgacc	1620
cgcagcaacg	tgaccgggta	cagcgtgagt	ctgatgggca	gtgacttctc	gaaagcgaag	1680
ctgaactga						1689

&lt;210&gt; 2862

&lt;211&gt; 714

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2862

acagtcgctg	aaaatggcat	tttggttttg	ctacgggaat	taaacatgct	tgatttgga	60
aacctggaaa	aagcacaag	aatcagctctg	acgatgcaag	ttgagaacag	tttaaaggga	120
gcgttaatta	cgggttcatt	aaaacctggg	gctcgactca	tcacgaaaga	gattgcggat	180
aaattaggca	ccagcatcac	accagtgcgc	gaagccctgc	tgcgcctggt	gtcggcaggc	240
gcattacagg	ccacgcctgc	tcaggcgttt	ttgggtccag	aggttacgct	ggagcgttat	300
aacgaaatta	acgccatccg	aaaacagctt	gagccgatgg	ccgttgccgc	ggcatgtcag	360
aatatgaccg	agaccaaact	gggtgcatta	cgcgcgctgt	cagataactt	cagcaccgcc	420
atgcatcagg	gcgacgtgca	gaaggcgatc	catgccaaac	gcgtgttccg	gtttacgctc	480
tatcagtatg	ccgaaatgcc	gacctgaac	tcgctgattg	agcagctatg	ggtacggatt	540
ggtccgtgta	tcaactacct	gcacgaagag	atgaaagata	tccctgccac	gacttaccat	600
tatgccgac	tgttttctgc	gcttgagcaa	agggacgtga	cggccagtcg	ggaagcgatc	660
gaccgagcca	ttgatgaagc	caatatcctc	ctgcaacggc	aatactacag	ttaa	714

&lt;210&gt; 2863

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2863

ttcatattgt	ctgtcattgt	attcatgacg	tcatactata	gtgtacggat	ggtttttcgg	60
gggagttttg	tgacaaaaaa	acagggattt	tgtcgtagcg	atggaatata	tgaactgtgt	120
aatattgtga	caaaaccata	ctactatagt	gaacaacaca	gccagagggt	aacctgatt	180
gttcgtcatg	cctgcaaaga	agattgtgcc	gctatcggtg	aaatttataa	ccatgcggtg	240
ctgcacaccg	ccgcaatatg	gaacgataca	actgtcgata	ccgataaccg	tattgcatgg	300
tttgaggcgc	gcacgctgtt	gggttatccg	gtgctggtca	gtgaagaaga	aggtgtagtg	360
acgggatacg	cctcattttg	cgactggcga	gcattcgacg	gttttcgcca	tacggtggag	420
cactcggttt	acgttcatcc	cgatcatcag	ggcaaaggca	ttggtcgact	gctaattgacg	480
gaattaatta	aggaagcccg	ccagatagg	aaacatgtga	tggttgcccg	tattgaggcg	540
cagaaccagg	cgctcgattca	tctgcattgaa	accttgggct	ttattaccac	cggaaatatg	600
cagcaggtag	gaaccaaat	cggtcgctgg	ctggatttaa	cctttatgca	actccagctc	660
gatgagcgca	gcgatccgga	tgctctgcca	tga			693

&lt;210&gt; 2864

<211> 351  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2864  
 cagcaggctt ttaagggagg aaacatgcta cgcattccgc agagttgcat tcacacccgt 60  
 tccacgcctt tctggaacaa agaaacggcc cccgccggca tttttaaacg tcaccttgat 120  
 acgggcacgc gtccgggctt ttaccctcgc ctgtcgggtg tgcgtggcgc agtgcggttat 180  
 ctgggctatg ctgatgaatt tacctctgag cctgacagcg agctcgtcat tgaagcgggt 240  
 cgtttcggcg ttttcccgcc agagagatgg caccacattg aggtgatgac cgacgacacc 300  
 ctgttcaata ttgaattctt tggtgaacct gaagtgttta agtcccttta a 351

<210> 2865  
 <211> 381  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2865  
 gcacccgcc aacatgaagga aactatgatg ttacgtatct ctgaaaactt tggtcataacc 60  
 cgctcgacgc cgtttctgga taaagagacc gcccaaaaag cgctttttac ccatcacaac 120  
 accaaagccg gcgtgtacgg tcggttgctc gtcattgcagg gtgcgggtgcg ttactttggc 180  
 tttgccgatg gcgacgccac cgagcccgat ctggaagtgg tcattgaggg cggttctttt 240  
 ggcattctcc caccgcaaaa atggcaccgc attgagcttc tgaccgacga cacctatatt 300  
 aatatcgact ttttcgcgga tcctgccgtc acgctcagcg gtgcggggcat cggtaaagtg 360  
 gtcaacacgc ataaggagta a 381

<210> 2866  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2866  
 ataatgggta aggctaccta tactgtgacc gtcaccaaca acagcaacgg cgtgtcagtg 60  
 gattatgaaa cagaagcgcc aatggagctg ttgatcccg acgtcgcggc agatgtcgtg 120  
 aaggatctgg tgaacaccgt tcgcgcctac gatacggaat atgaacacga ggtatgtggc 180  
 tggtaa 186

<210> 2867  
 <211> 1023  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2867  
 ggagtaaccg taatgggtat cgatctttcc attatctggt tcgtgattat cgttttcgcc 60  
 acgttgatgt atatcgtgat ggacgggttt gatctgggga taggcatacct gtttcgggca 120  
 acgccgaatg cggacgaccg cgacgtgatg gtcaacagcg ttggtcccgt ctgggatggc 180  
 aacgaaacct ggctggtgct tggcgggtgc gccctggttg gcgcctttcc tctgccttat 240  
 gcggttatca tcgacgcgct aaccattcca ctgacaataa tgctgatcgg gcttatattt 300  
 cgtggggtcg ccttcgaatt tcgcttcaag gccactccgg cgcaaccgcc gttctgggat 360  
 aaggccttta ttggcgggtc aattgtggcg accttcagcc agggcatcac cgtcgggtgcg 420  
 gtcattccagg ggttcagcgt caccggctcg gcttacagcg gtggtccgtt tgactgggtt 480  
 accgcgttca atttttctg cggagcgggt cttgtggtgg cttacgcgct gttaggatca 540  
 acgtggctgg taatgaaaag cgaaaatgcc ctgcaaaagc ggatgcgtca gctatcgaaa 600  
 gtgcttctgc ccctgcttct ggtattcatt gcgataatca gtatctggac ccctctcgcc 660  
 caaccagcca ttgctgcgcg ctggtttact ctgccgaatc tggttttatct gctgcctgtt 720  
 cctgcgctgg ttgcgatcct gagtctgtgc cagtggcgct gcctgcacga tcctgcgagc 780  
 cataccctgc cgtttatcat gacgttaggg ctggttttcc ttggccttag cgggcttggg 840  
 atcagcatct gcgcgcatat catcccgccg gacattaccc tctggcaggc cgctgcgcgg 900  
 gcccaaagcc agggctttat gttagtgggt gcactgttga tcattcccgt gattctggtc 960  
 tacaccttct ggagttatta cgtttttcgc ggaaaagtac agcatgggga gggttatcac 1020  
 tga 1023



<210> 2868  
 <211> 243  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2868  
 gctgtaagtg tagacaaccc ttcagtctta accaaacttc tcctgtgggg ctcatttgta 60  
 aatcgtgctg gcattcggcg ctgcaatccg taccatacac gacacacttt cgcattgctg 120  
 tttttaccgg tagccgcaaa cccgtctttt atcgctaacc agatggggca cgtaaagtgcg 180  
 cagatggtgt atgaaatcta tgctacatgg atagaagaga tgaacacgaa gctgacgctt 240  
 tga 243

<210> 2869  
 <211> 387  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2869  
 tgcgggacct tgccgccct gtggatgaag acagattgtg ggggcaaccg aatgccgggg 60  
 attgcccgta atattgggta tgcgtcgttt ggctgggagc ctgagggaagg ctggtacgcg 120  
 ggggcagatg cccgctacat gagcgacgtg atggcaaacg acaccaatac cgccaaagcg 180  
 ccctcttata ccgtggtcgg tctgaatacc gggataaaac tcaattacgg caaatgggga 240  
 atggacatct ttggtcgcgt cgataacctg ttcgataaag agtacgtcgg ttcagagatt 300  
 gtaaaccgcg gctacaatcg ctattacgaa cccgccctg gccgtaacta tggcgtgggc 360  
 ctgtcggctt cttatcgctt tgagtaa 387

<210> 2870  
 <211> 1452  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2870  
 tatctcattc cccccctctt tatcataaca gtacaccgtt taacattgag gcaatgcatg 60  
 tttggtccag atgcgtttca tcttgccgca atacagttcg cctttaccgt atcctttcat 120  
 attatttttc cggcgataac cattggcctg gcgagctatc tcgccgtgct ggaagggctg 180  
 tggctgagaa caaaaaatcc cgtctggcga tcgctgtacc atttctggtc aaagatcttc 240  
 gccgtcaact ttgggatggg cgtggtctcc ggctgggtga tggcttatca gtttggcacc 300  
 aactggagcg ggttttcgca gttcgcgggc agtattaccg gccccctgct gacctatgaa 360  
 gtgcttaccg cgttcttcc tgggcccggg ttctcgggg tgatgttgtt tggctggaat 420  
 aaggctgggc cggggctgca cttcttttcg acctgcatgg tcgccctggg gacctcatg 480  
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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2871

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&lt;210&gt; 2872

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2872

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&lt;210&gt; 2873

&lt;211&gt; 3537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2873

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&lt;210&gt; 2874

&lt;211&gt; 1155

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2874

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 <213> Enterobacter cloacae

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<210> 2876  
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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 2877  
 <211> 1896  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 2878

&lt;211&gt; 2277

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2878

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&lt;210&gt; 2879

<211> 768  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2879  
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 ctgaagggtg aaaagcgtct gcctgaaggg gcggagaatt tcggtaacgc catctatata 240  
 gctaaccatc agaacaacta cgatatggtg acggcctcaa atattgttct tccgccgacc 300  
 gtaaccgtgg gcaaaaaaag cctgctgtgg atcccccttt tcggccagct gtactggctc 360  
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 ctgaataacg gactggtcat tgtcgaaatg ctgccgcgg tagatacctc taaatacggc 660  
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<210> 2880  
 <211> 235  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 2881  
 <211> 702  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2881  
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 attattgcac gagaaacgct ttatagcggg tttttttcaa tggaaacttta ccgtttcagg 180  
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 catgcggctg tgttgctacc ctatgaccca gtgcgtgacg aagttgtgct ggtcgagcag 300  
 gtgcgtattg cggcttatga taccagcgaa acgccgtggt tgctggagat ggtggccggg 360  
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 ggctggtggg ttggccggac gaagccgggtg ttgagctacc tggcaagccc ggggtggaca 480  
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<210> 2882  
 <211> 1359  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2882  
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 actgaatatt acaaaatcag tagctttatc tttctctatt tctttacctg gtctgccagt 180  
 attggactgc tggcgaatct gcttggccag aaagccaacc tgagcggatc ggtgattgga 240  
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 ctcgataaga tcggcatgag caaataacct ctctattttg ttggtgatcat gtcggccctg 360

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ggttcgctcg	gctgggcggg	ggcatcgtct	ttctccggcc	tgctgtttaa	cctctcaccg	600
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&lt;210&gt; 2883

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2883

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cggctccatt	cccaggaact	gattcgcctt	gtggaacggc	agatacgcgc	cgtctacgcc	180
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tga						303

&lt;210&gt; 2884

&lt;211&gt; 417

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2884

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gaccttaaca	tcattgtccgg	cgctcgcgag	gaaaccatcc	gcgacctcgg	tcagggtgtc	240
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&lt;210&gt; 2885

&lt;211&gt; 1539

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2885

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&lt;210&gt; 2886

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2886

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tgcccatttc	tacagcgcg	tggagaaacg	gtaagaaaat	gcgcacactg	tcagcgtcgg	600
aaaccgtacc	cggagtaa					618

&lt;210&gt; 2887

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2887

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gcttag						906

&lt;210&gt; 2888

&lt;211&gt; 726

&lt;212&gt; DNA



## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2888

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actga						726

## &lt;210&gt; 2889

## &lt;211&gt; 453

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2889

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ccgcaggata	aagtcgaact	ccagggtaaa	atcgataaag	actggaacga	gtttgaaatc	420
gacgtgaagc	aggttatcaa	gctgaacaaa	taa			453

## &lt;210&gt; 2890

## &lt;211&gt; 2265

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 2890

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aaccgcaaca	gcgccccggc	gctgaccaa	cataccccga	ttgcgcatca	gcgttcgaat	2220
ggtgttg	gaacgaagaa	gaacgtaaaa	cgtaagaccg	gttaa		2265

&lt;210&gt; 2891

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2891

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gcgcaggttc	tgctgtctga	aagccgcgat	ctggacctga	acgccagcgc	cgttaaaccg	720
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&lt;210&gt; 2892

&lt;211&gt; 1347

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2892

tgccgtaatt	ttcgtcact	ttccttgccg	ttacgcagta	aaaatttctt	atgcgaattt	60
ttgataatat	tttctgctta	ttcgataagc	atccggatgc	acattctgac	aatcgtggta	120
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&lt;210&gt; 2893

&lt;211&gt; 840

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2893

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ttgctgttca	tcttcacgc	tgatggtcag	ctgcaccaga	cggcggtat	tcggatccag	120
cgtggtttca	cgcagctgca	tcgggttcat	ctcaccacgc	cccttaaagc	gctgaacgtt	180
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gtgaccgttt	ttcaccagcg	cgcggaaatg	cttcacaaac	agcgcacaga	gcagcggtgc	360
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acgctgggca	ctggagatcg	ccatttcagc	cagcatttcc	gcggcctgaa	cgttctggtt	780
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&lt;210&gt; 2894

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2894

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ctcttcgggg	tggatatcta	ccggcatgcc	gcggccgtcg	tcgatgactt	ccagcgactg	180
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gcggcgcgca	accggctcaa	gcccggtgag	tacctcaatg	gcatacagcg	tataggtttg	360
cgtcatgatt	taagctag					378

&lt;210&gt; 2895

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2895

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cagtgtggct	ttgtaactgc	caatcatgcg	cgcgaagatg	ttatagataa	caaccgccgg	360
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gaccgcaagg	ttagtgggtc	gcgtctgggc	gataccgata	aagctgttca	tgatgcccc	480
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gttcactaa						669

&lt;210&gt; 2896

&lt;211&gt; 690

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2896

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gacagcctgc	tcctgctcgc	aggggcggtta	atcggcaagg	gcgtgatgga	cttcgcaccg	240
acaatggtga	tcctcacctc	tgcggccagt	ctcggctgtt	ggctgagcta	cctgcaaggg	300
cgctggcttg	gaaacacccg	cggtgtgaaa	ggctggctgg	cacagctgcc	gcataaatat	360
caccagcgcg	ccacctgcat	gtttgaccgc	cacggcctgc	tggcgctgct	cgccgggctg	420
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&lt;210&gt; 2897

&lt;211&gt; 1353

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2897

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ctgtccctgg	cggcctggtt	tgccgcaagc	gtgggtggct	ggcaccagac	gaccgacaag	120
ctcgataagc	tgttcgatac	ccagcagatg	ctgtttgcc	aacggctgct	gacgatggac	180
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catcttgacg	acgatgcgct	ggccttcgca	atcttcaccg	ccgacggcag	catggtgctt	300
aacgacggcg	aaaacggggc	cgacatacct	tacctctacc	gccgggacgg	gtttgatgac	360
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aaataccgcg	tggtggttgg	ccaggagtgg	gagtaccgac	aggatatggc	gctggacgtg	480
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&lt;210&gt; 2898

&lt;211&gt; 453

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2898

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gtcagcgagg	tggagaacaa	tatcacccgc	acagacgcca	aagatgaagc	aacctactat	300
acggtgaaat	ccggcgatac	cctgagcgcc	atctctaaaa	ccgtgtacgg	cgatgccaat	360
cagtacaaca	agatctttga	ggcgaaccgc	ccgatgctct	ccagcccggg	taaaatttat	420
cccggccaga	cgctgcgtat	tcctaaggca	taa			453

<210> 2899  
 <211> 900  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2899  
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 gcctcggttca gccgcctggt tgccaatacg gtgcgctacc atcaactggca tcagtgtctg 180  
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 atgatctggc tcgacgagca ttatcaggag aaatttcgtc tggatgcgct ggctgcagag 660  
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 tcgagcgtgc gtgacattgc cgcacaggcg ggattttccg acgtgacgtg gtttatcagc 840  
 gcgtttaaaa aggggattgg cgagacgccg ttgcagtacc ggaaaaacca ttcacgtga 900

<210> 2900  
 <211> 1242  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2900  
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 ggtaaaaaacg ctatcgctga cctgcgcgcg caaatccga cggacgcccg cgtcctgatt 180  
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 gaaggtctgg acgtgcgcga gttcggcggc atcgagccta acccgtctta tgaaacgctg 300  
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<210> 2901  
 <211> 846  
 <212> DNA  
 <213> Enterobacter cloacae

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 cataaagccc tggaagtgcg ctatcggtcc atcgataccg ccgccgccta taaaaacgag 180  
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gcgcgggtga	ttaaccagat	tgagctgcac	ccgctgatgc	agcagcgcca	gcttcattca	540
tggaacgcca	cgcacaagat	ccagaccgaa	tcttgagacc	cgctggccca	gggcggcgaa	600
ggggtgtttg	accagaaaat	catccgtgaa	ctggcggata	agtacggtaa	aaccccggcg	660
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ggtgaaattg	cgaagctgga	tcagggcaag	cggcttgggc	cggacccgga	tcagtttggc	840
gggtaa						846

&lt;210&gt; 2902

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2902

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catcatttac	gccgcaagct	cggcagcgac	tttatccgca	ccgtgcacgg	catcggttat	660
accctgggtg	acgcatga					678

&lt;210&gt; 2903

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2903

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gacaccctga	ccgaggctgc	ggatggtttc	ctgcgcgacg	ccggacatga	tgtaaggtc	240
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&lt;210&gt; 2904

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2904

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327

&lt;210&gt; 2905

&lt;211&gt; 1239

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2905

ccgcacacga	cgaatgagga	acatccttatg	aacacaacta	ccacccgggc	cgtaagccgc	60
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gtcccgcagc	ttacccaggc	gggttatgcc	ttaggtatcc	tgtttctgct	gccgctcggc	240
gacgtcatg	atcgcagaac	gctgatcctg	ataaaaagtg	cggctctggc	gctgttcctg	300
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aaacagggaa	aaacggctcg	cacggtgatg	accggcctgc	tgctggggat	tttgctctcc	480
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ggcgtggtgg	ctctggcaac	cctgtgtggt	gccattgcgc	tggctatcag	agtgattgaa	1200
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&lt;210&gt; 2906

&lt;211&gt; 714

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2906

tggaaaacca	ctgcgggtag	aatttgctta	attctggata	tgggtggaacg	tgcatgacgg	60
acttttaaac	gtggcctggc	ggcgacccta	ctgcttttga	gccctctggt	gcaggctgag	120
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&lt;210&gt; 2907

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2907

tgtcaggcgc	aaacgccgcg	aaccctcgat	gaggacaaca	ctatgagcat	tgatcgtaca	60
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aaaacgcgtc	tggaaaaaac	gtcgacggct	aacagcacca	gcgtcacgct	gagcgatgcg	180
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aaaacggcta	tccgtaacgg	cgaactgaaa	atggatacca	gcaaaaatcgc	tgatgcgctg	300
attcaggacg	cacagagttt	cctccagagt	aactaa			336

<210> 2908  
 <211> 621  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2908  
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 cagcttacgc agtacaccgt cagtgcagcag gaaattaatc aggcgctgga aaaacataat 180  
 aacttttcaa aagatatcgg cgtgcccggc cttgcggatg cgcataatcgt cctgacgaat 240  
 ctgcgcagcc agattgggtc cgaggagcct aacaaagtca ccttttccgg cgatgccagc 300  
 ctcgatatga cctcgctctt cggcaatcag aaagcggata tcaagctgaa gctcaaggcg 360  
 ctgccggtct ttaataaaga taaaggggca attttcctgc aagagatgga aatcgtcgat 420  
 gcggttgatga cgccggataa aatgaaaccg gtgctgcaaa cgctgatgcc gtatctcaac 480  
 cagtcgttgc agaactactt taaccaacag cctgcctatg ttctgagcga agacaaaagc 540  
 aaaggtgaat ctctggcgaa aaaatatgcc aaagggatag aggtgaaacc ggggtgaaatc 600  
 atcatccctt tcaccgacta a 621

<210> 2909  
 <211> 360  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2909  
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 aatggggttg gtttttgccg ttcatcaggc agttcccaa agaccatgtc cgcctcggac 180  
 acttcacagt gttcagaatc atgcaccgga acgactggca gggagaggat gacttcactc 240  
 tcaaccagcg ccagaagatc gatttcaccg aattcgtaa cctcaatcgg ctcgtagcgt 300  
 tccgggagtg cttcagcctg ttcgtcagaa cgaaccggac taaaacaata cgttgtgtga 360

<210> 2910  
 <211> 3123  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 2910  
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 gtggatgggc agcgctgta cgatctggat atcgaaagtc ctggacacga acagaaaaaa 120  
 gcgaacattt acaaaggcaa aatcaccgcg attgaaccaa gccttgaagc tgcatttgtc 180  
 gattacggtg ctgagcgtca cggtttcctt cctctcaaag aaatcgcccg cgaatatatt 240  
 cctgcaaact acaactccca tggcgcgtcc aacattaaag atgttctgcg tgaaggtcag 300  
 gaagttatcg tccagatcga taaagaagag cgtggcaaca aaggtgccgc actgaccacc 360  
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 atctctcgcc gtatcgaagg cgatgaccgt accgagctga aagaagcgt ggcaagtctt 480  
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 ctgaccgcta tcgacatcaa ctccgcgcgt gcaaccgcg gcggcgacat cgaagagacc 960  
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 ctgggtggtc tgattgttat cgacttcacg gacatgacct cggttcgcca ccagcgtgcg 1080  
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gcgccacgcc	atagcgactg	ggttcgtccg	gcattcaact	tcgaaggcaa	agggtgctgcc	3060
ggtggtcaca	gtgcaacgca	catggctact	gcgccagcta	ctcgtectca	gcctgttgaa	3120
taa						3123

&lt;210&gt; 2911

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2911

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cacctctctt	ctggtcacaa	caacggcagc	gcgttgcaac	gcataactga	agataaaagc	180
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cttcgcgac	tcaaccagca	taacggctgg	ctgctggaag	gtcagattat	ccgtaatcag	360
caggcgcttg	aggtgtttaa	gccctataaa	gagccggggc	tgtacgggtg	ggatggtcag	420
acggccacgg	cacgtatcac	gggcgggaaa	aagatttcga	tttga		465

&lt;210&gt; 2912

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2912

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caa	atg	ggg	ctt	gat	ggc	ggg	atc	gcg	ctg	gtc	ta	cgc	caa	gtt	gt	tac	aa	600	
cag	ggt	ctt	gg	gcg	tgt	ttt	gg	cgc	aat	gct	gac	cgc	t	tcg	gcg	caa	acc	gat	660
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gg	aaa	ag	cgc	tcc	at	c	ag	cc	gg	ag	ct	g	ccg	tg	gg	g	ct	g	1560
ac	g	ct	g	att	cc	ct	ct	g	gtg	gc	ag	tt	ca	g	at	aa	ac	g	1620
c	ct	g	gc	gc	ct	ga													1632

&lt;210&gt; 2913

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (341)

&lt;400&gt; 2913

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cg	ac	g	t	at	ta	ac	ag	ca	ctt	t	cc	tg	aa	aa	c	gat	gg	c	gc	gc	gc	gc	240
g	ca	aa	cc	at	c	tt	cc	gc	t	ca	t	c	g	gc	g	gt	gc	gc	aa	aga	ac	gc	300
tt	g	c	ag	g	aa	aa	ag	cg	cc	g	ac	g	ac	tg	gt	tt	cat	gt	nt	t	c	a	357

&lt;210&gt; 2914

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2914

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t	c	c	a	c	t	t	c	a	c	c	t	g	c	c	g	g	a	a	a	a	a	a	120
g	c	g	c	c	g	g	a	g	g	a	a	c	a	c	c	g	g	a	a	a	a	a	180
c	t	c	g	c	g	a	a	a	g	c	a	c	a	g	t	c	g	t	g	g	c	c	240
t	c	c	g	a	c	g	a	g	g	a	a	a	a	c	a	a	a	a	a	a	a	a	300
g	c	c	t	g	c	c	a	g	c	t	t	t	t	g	c	g	c	g	a	g	g	c	360
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g	c	a	g	g	g	a	g	c	t	t	a	a	a	a	g	t	a	a	a	a	a	a	540
g	a	t	t	c	c	a	a	t	a	c	g	t	g	g	t	g	g	g	g	g	g	g	600
g	a	g	t	g	t	a	a	c	c	g	t	g	a	c	a	t	g	t	a	a	a	a	624

&lt;210&gt; 2915

&lt;211&gt; 1104

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2915

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gtaaactgga	cggtaaaacg	ctaa				1104

&lt;210&gt; 2916

&lt;211&gt; 1068

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2916

cgtggagccc	tctgcgctgg	ccgtcgtatc	cgacacgcc	gcatcaaacg	aaagcctgac	60
cgcgcgctg	gcagccctgg	aagacgaggt	tgccgggctg	aagcagcgtc	tggatgcgtt	120
actcgcacat	ctgggagatt	aatcgtgaca	acattacgca	ttggtgtcgt	ggggctggga	180
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ggggcgtggt	cgcccaccgc	cgagaaaagca	gagcgtatct	gcaaaacctg	gcgcatccct	300
tatgccggtt	cgctacagga	tttagcccg	gaatgtgatg	cggatattgt	gcataacctca	360
accgcgacgc	actaccaggt	ggtgagcgag	ttgctgaatg	caggcgttca	cgtctgcgtg	420
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aaaaagctga	cgtgatggt	cggcttcaac	cgccgttttg	cgccgctcta	tcagcagctt	540
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ggtgagatgg	tttacgcaga	acatcatttt	gccgttgagc	atatgcaggt	gacgcacagc	780
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ttcatcacct	gcgtgcagaa	tcagacgggt	cctgaaacgt	ccggggagca	ggccattctg	1020
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&lt;210&gt; 2917

&lt;211&gt; 1620

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2917

actaagcgcc	gcttgtttgg	tttgccgggt	ggcgctttcg	cttatccgtc	ctggaaatcc	60
gtagggttgt	ggaacttcac	gttaatgaac	ttattaaaat	cgtggcggc	cgtcagctcg	120
atgaccatgt	tttcccgcgt	gcttggcttt	gcgcgcgatg	ccattgtggc	aagggttttt	180
ggcgcaggga	tggcgactga	cgcctttttc	gttgcgttca	agctgccgaa	cctgctgcgc	240
cgtatttttg	ccgaaggggc	tttctcacag	gcatttgc	cgtatccttg	ggaatataaa	300
agcaagcagg	gcgaagatgc	caccgcgcgc	tttgtggctt	acgtttccgg	tttactgacg	360
ctggcgctgg	cgatcgtgac	cgtcctgggc	atgctggcag	cgccctgggt	aatcatggta	420
acggcaccgg	gctttgccga	cacggcggat	aaatttgccc	tgacgacgca	actgctgcgg	480
ataaccttcc	cctatatatt	gctgatttgc	ctggcgctgc	tgggtgggtg	catcctgaat	540
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ggctttgcgc	tgttcgccgc	gccgcatttt	aaccacccgg	tgctggcgct	ggcctggggc	660
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aaaagtttcg	ccagcggaaa	ccacgatgaa	tactgccgcc	tgatggactg	gggactgcgt	1020
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acggtgtcgt	tgttccagta	tggaaaattc	accgcctttg	atgccgccat	gacccagcgt	1140
gcactggtag	cctactcggg	gggctgatg	gggctgatcg	tcgtgaaggt	gcttgcgccc	1200
ggtttctatt	cacgtcagga	catcaaaacg	ccggttaaga	ttgccattgt	gacgtcgatt	1260
atgacgcagc	tgatgaacct	cgcgtttatt	ggaccgctga	aacacgcggg	gctgtcattg	1320
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gatatcttca	caccgcagcc	gggctgggca	agcttcctgc	tgctgtctggc	gatcgcggta	1440
gtggtgatgg	cggctgcgct	ggttggcatg	ttgtatgtca	tgctgaatg	ggcgcagggc	1500
accatgcctt	accgcctgat	gcgtctgatg	gccgtggtgg	cggctcgggt	ggtggcgta	1560
tttgccacgc	tggcggtgct	tggcttcaag	gtgaaagaat	tcgcccgcgc	cacggtataa	1620

&lt;210&gt; 2918

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2918

taccgtgaag	agcatgatgc	tcaaaacact	cactctcggc	cagtaaagga	gacacgcattg	60
tccatcgccg	taaacgtgaa	tgacccgaca	aataccggcg	tcaatagcac	cagcagtgcg	120
accggttcca	gctctctcac	cggcagcaat	gcctccgatt	tacagagcag	cttcctgacc	180
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ggctcgggtc	ccggtcaaat	cgataatagc	cagtccttgc	aggccgcca	cctgatcggg	360
cacggggtga	tgatccgggg	gaccacgatt	ctggcgggca	ccagcactac	cgatggcagc	420
tccaccacca	ccacgcagcc	gtttggcggt	gagttgcagc	agccggccga	caaagtcacc	480
gccacaatca	aagacgccag	cggcaacgtg	gtgcgcacga	ttgagattgg	cgagcttaaa	540
gcggggcgtc	atacctttac	ctgggatggc	agcctgaccg	acggcactaa	agcgcctaac	600
ggctcgtatc	aggttgcgat	tagcgcagc	aacggcacca	ctcagctggg	ggctcagccg	660
ctacagtttg	ccctggttca	gggctcatc	aaaggtagcg	atggtaacaa	actggatttg	720
ggtacctccg	gtaccaccac	actcgacgaa	gttcggcgaga	ttatctaa		768

&lt;210&gt; 2919

&lt;211&gt; 816

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2919

ccaacttctg	gctatgagtt	aacaggactc	cctatgatca	gttctttatg	gatcgcgaaa	60
accggtcttg	acgcacagca	aaccaatatg	gatgtgattg	ccaacaacct	ggcaaactgc	120
agcaccaatg	gtttcaagcg	ccagcgtgcg	gttttcgaag	atttgcttta	tcaaacgatt	180
cgtcagccag	gggcgcagtc	ttctgagcaa	accacgctgc	cgtccggtct	gcaaattggg	240
accggcgtgc	gcccggttgc	caccgagcgt	ctgcacagcc	agggcaacct	gtcccagacc	300
aacaacagta	aagacgttgc	catcaaaggt	cagggtttct	tccaggtgca	gctgcctgac	360
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acagcggggc	gcttccaggt	tcagcctgcg	atcaccatcc	cggcgaacgc	gctgagtatc	480
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gttggacagc	tcaatctgac	gaccttcatg	aacgataccg	gactggaaa	catcggtgag	600
aacctctaca	ccgaaacgca	gtcttccggc	acgcaaatg	aaagtacccc	gggctgaac	660
ggggcggggc	tgctgtatca	ggggtatgtg	gaaacctcga	acgttaacgt	ggcgggaagag	720
ctggtgaata	tgatccaggt	ccagcgcgc	tatgaaatta	acagtaaagc	agtgtcgacg	780
accgaccaga	tgctgcaaaa	actgacgcaa	ctctaa			816

&lt;210&gt; 2920

&lt;211&gt; 756

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2920

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caaaaaaacg	cggcggtttcg	ttatccgatc	ctgactgttc	tggccgtcac	cctcagcggg	120
tgtgcctgga	tcccgctctaa	accattggta	caggggtgcga	ctaccgcca	acccgttccc	180
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accaattttg	gcttcgacac	cgtaccgcgc	tatctgcaag	ggctgttcgg	caacgcccgt	420
gcggatgtgg	aagcctccgg	cggcaacacc	tttaacggta	aagggtggcg	gaacgccagc	480
aataccttca	gcggaacgct	gacggtaacg	gttgaccagg	ttctggtgaa	cggcaacctg	540
cacgtggtgg	gcgaaaaaca	gatcgccatt	aaccagggta	cggaattcat	tcgtttctcc	600
ggtgtggtta	accctcgcac	tatcagcggc	accaacaccg	taccgtccac	ccaggtggcg	660
gatgcgcgca	ttgagtacgt	cggcaacggc	tacatcaacg	aagcgcaaaa	tatgggctgg	720
ctgcaacgct	tcttccttaa	cctatcgccg	atgtaa			756

&lt;210&gt; 2921

&lt;211&gt; 1101

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2921

cctatgtata	aattttctctt	cgccgtggcg	ctgtcgttgg	tcgtaccgt	tgcgcaggcc	60
gatcgcatac	gcgatctcac	cagcgtgcag	ggcgtgcgcg	aaaactccct	gattggctat	120
ggcctggtgg	tggggctgga	tgggacgggt	gaccagacga	cccagacgcc	gttcaccacc	180
cagagcctga	acaacatgct	ctcgcagctc	ggtattaccg	taccggcccg	gaccaacatg	240
cagctgaaaa	acgtggcggc	cgtgatgggt	accgcgtctt	atccggcctt	tgcgcgtcag	300
gggcagacca	tcgacgtggg	tgtctcgtcg	atgggtaatg	ccaaaagcct	gcgtggcggg	360
acgttgctga	tgacgcgct	gaaaggcgct	gacagccagg	tgtatgctct	ggcgaggggc	420
aacattctgg	ttggcggagc	agggtgcgtcg	gcgggcggca	gcagcgtgca	ggtgaaccag	480
ctgaacgggg	gacgtattac	caacggcgcg	atcatcgaac	gtgagctgcc	gacccagttc	540
ggcaccggca	acaccattaa	cctgcaactg	aataacgaag	actttacgat	ggcgagcag	600
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gcaacgccaa	tggatctgat	gtccattctg	caatccatgc	aaagtgcagg	ctgcctgcgc	1080
gctaaactgg	aaatcatcta	a				1101

&lt;210&gt; 2922

&lt;211&gt; 954

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2922

atgctgaccg	atagcaaaact	gttgaccagt	gccgcctggg	atgccagtc	gctcaacgag	60
ctgaaaacca	aagcgggcaa	ggatccggcg	gcgaatatcc	gcccggttgc	ccgtcagggtg	120
gaaggcatgt	tcgtgcagat	gatgttgaaa	agcatgcgtg	aaactctgcc	gaaagacggc	180
atgttcagca	gtgattccac	gcggctttac	accagcatgt	acgatcagca	gattgcccag	240
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caggcggcgc	tggagtccgg	ctgggggcaa	cgtcagatcc	gcagggagaa	cggcgagccg	600
agcttcaaca	tctttggcgt	gaaggccacc	tccagctgga	aagggccgac	cacggaaatc	660

accactaccg	aatatgaaaa	cgggtgcggca	gtgaagggtga	aagccaaatt	ccgcgtctac	720
agctcgtatc	tggaagcggt	gtcgggattat	gtcggggctgt	tgagccggaa	tccgcgctac	780
accgcggtga	cccaggccgc	cacgcccagag	cagggcgctc	aggcattgca	gaatgccggc	840
tacgcgaccg	atccaaacta	tgcacgcaag	ctgaccagca	tgatccagca	gctgaaatcc	900
atgtctgaga	aggtcagtaa	agcgtatagc	acagatctcg	aaaatctgtt	ctga	954

&lt;210&gt; 2923

&lt;211&gt; 1683

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2923

ccttcacag	gactcgtgtc	tgaacgtata	aaaggaaccc	ccatgtccag	tttgattaac	60
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tcaagctaca	acgtggcagg	ttatacccg	cagaccacca	ttttgggggc	atcaaacagc	180
accctgaccg	gtgggtggctg	ggtgggtaac	ggggctctatg	tctccggcgt	tcagcgtgaa	240
tatgatgcgt	ttatcaccaa	ccagctgcgt	gcggcgccaga	accagagcag	tgggctgacc	300
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tctgccaacc	tccaggattt	ctttaaaagc	ctgcaaacgc	tggtgagtaa	cgcagaagat	420
ccggctgcac	gccagacggg	gctcggtaag	gcggatgggc	tggtaaacca	gtttaaaacc	480
aacgatcaat	atctccgcga	tcaggatgcg	caggtcaata	cggcgatttc	taccagcggt	540
gatcagatca	ataactatgc	gaagcagatt	gtaacctta	acgatcagat	ctcccggctg	600
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gtgaaatcca	gtgcggaccc	agcgcgtaca	acgattgcgt	atgtggatgc	cgcagcaggc	840
aacgtggaga	tctcagaaaa	acagatcacc	acggggctgc	ttggagggct	gttaacgttc	900
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gatgccatga	atacccagca	ccaggcgggc	tttgatgcc	acgggggataa	aggcggcaag	1020
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taa						1683

&lt;210&gt; 2924

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2924

aagatcaata	cgtcttacgc	cattgctgcg	tggtatgatcg	gtcagacaaa	attggtcatt	60
ccgtcgacat	ccttacaaaa	cccggattta	acgcggaaaa	cggattcatt	attccactgc	120
tcgccgggtt	atagcaagat	gactttttacc	aattatcacc	cggttactca	cagttttctc	180
acttcaacgg	ggtga					195

&lt;210&gt; 2925

&lt;211&gt; 534

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2925

tatgcgcgcc	ctatgcaaaa	ggtaaaaatta	cccctgactc	ttgatccggg	tcgtacggct	60
caaaaacgcc	tcgattacga	aggaatctat	tcttccgata	aggctgagcg	tattgccgaa	120

tctgtagtca	gtgtggacag	tgatgtagaa	tgctccatgt	cgttcgctat	cgacaaccag	180
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gaacaggctg	aagcactccc	ggaagcgtag	gagccgattg	aggttaacga	attcggtgaa	360
atcgatcttc	tggcgctggg	tgaagatgaa	gtcatcctct	ccctgccagt	cgttccggtg	420
catgattctg	aacactgtga	agtgtccgag	gcggacatgg	tctttgggga	actgcctgat	480
gaagcgcaaa	aaccaaacc	atttgccgta	ttagccagct	taaagcgtaa	gtaa	534

&lt;210&gt; 2926

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2926

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ccaaaagtgc	gtctgacgac	ggacaggctg	gtcgttcgtc	tggtgcatga	gcgtgatgcc	120
tggcgtctgg	cggattatta	cgccgagaat	cgccagtttt	taaaaccctg	ggaaccggtt	180
cgggacgaga	gccactgcta	cccctctggc	tggcaggcgc	gcctcagtat	gattgcgga	240
tttcataaac	agggaagtgc	gttttatttc	gcgcttctcg	atccggaaga	gaaagagatc	300
gttggcattg	ccaatttttc	aaacgtggta	cgcggttcgt	ttcacgcctg	ctatctcggg	360
tattccatcg	gccagaaatg	gcagggacag	gggtcatgt	ttgaggcgct	gacggcggcg	420
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aataagcgca	gcggcgatct	gctggccccg	ctggggtttg	agaaagaagg	ctatgccaaa	540
gattatctgc	tgattgacgg	cgagtggcgg	gaccatgtgc	tcaccgcgct	caccacgcag	600
gagtggaccg	cgggtcggtta	a				621

&lt;210&gt; 2927

&lt;211&gt; 660

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2927

ggagaaaaga	tgaaatatca	gttaaattggc	gccgaagcgc	gcgtgatcgg	ctgccttctg	60
gaaaagcagg	tcaccacgcc	ggaacagtat	cctctgtccg	tgaatgccgt	cacgatggcc	120
tgcaaccaga	agacgaaccg	tgagccgggtg	atgaaccttg	gcgagcacga	ggtgcaggat	180
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gtcgtatccg	acacgccagc	atcaaacgaa	agcctgaccg	cgcgcgtggc	agccctggaa	600
gacgaggttg	ccgggctgaa	gcagcgtctg	gatgcgttac	tcgcacatct	gggagattaa	660

&lt;210&gt; 2928

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2928

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ccctcgcttg	atggtaacac	cgctcgacatg	gaccgggagc	gcacacagtt	tgccgataac	360
agcctgcaat	accagacagg	cctgacgcta	ctcggcgggc	aaattaaagg	catgatgacc	420
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&lt;210&gt; 2929

&lt;211&gt; 405

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2929

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gagatgggtga	actccatgtc	cgcgtcgcgc	agctaccagg	caaacgtcga	agtgtttaat	360
accgtgaaga	gcatgatgct	caaaacactc	actctcggcc	agtaa		405

&lt;210&gt; 2930

&lt;211&gt; 768

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2930

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cagctcaacg	cgctgcgtgc	gggtgccgga	gaagggtgtg	cattgcccac	gcgtacgctg	180
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&lt;210&gt; 2931

&lt;211&gt; 957

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2931

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tctgacgata	cgattgccgc	ttcgaggcc	gttgtgtctt	ctcaggcaca	aacgcaaac	180
agccagtatg	cgctggcgcg	ctccttcgct	acgacgaaag	tctcgctgga	agagaacgtg	240
ttatcgcaag	tgacaaccgc	tatccaggct	gctcaggaaa	agattgtcaa	tgcgggcaac	300
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cagctcatga	acctgggtaa	cagcacggac	ggtaacggcc	gctatatattt	ttccggttac	420
aagaccgaag	cggcggtctt	cgaccagact	acgggtgatt	ataagggcgg	cggaaaccca	480
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tcgtataaag	ccttttagcga	tatgcagggt	atgtctttgt	tccagatgaa	cagataa	957

&lt;210&gt; 2932

&lt;211&gt; 957

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2932



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&lt;210&gt; 2933

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2933

ggagtaaggt	ccatggccgt	acaacagaat	aaaccaaccc	gttccaaacg	tggcatgcgt	60
cgttcccatg	acgcgctgac	cgcagttacc	agcctgtctg	tagacaagac	ttctggtgag	120
aaacacctgc	gtcaccacat	caccgctgac	ggtttctacc	gcggccgcaa	ggttatcact	180
aagtaa						186

&lt;210&gt; 2934

&lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2934

tcacgcgtca	gcgtagattag	gcttagtgag	gaacttcccc	gtgcaaacgg	ggagtttacc	60
gaaccaggct	gcgacgatac	cttgacacgt	ctaaccctgg	cgtagatgt	catgggggga	120
gattttggcc	ctaccgtgac	agtggctgca	gcattgcagg	cactgaattc	taattcgcaa	180
ctcaaacttc	ttttattcgg	taatcccagc	accatcacgc	cattacttgg	caaaactgac	240
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&lt;210&gt; 2935

&lt;211&gt; 1212

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2935

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aacctgcgtt	aa					1212

&lt;210&gt; 2936

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2936

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cccgcctaact	gcctgaaaga	tcaatacgtc	ttacgccatt	gctgcgtgga	tgatcgggtca	180
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ttcattattc	cactgctcgc	cggtttatag				270

&lt;210&gt; 2937

&lt;211&gt; 969

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2937

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&lt;210&gt; 2938

&lt;211&gt; 1218

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2938

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accgatcgta	ccccttaa					1218

&lt;210&gt; 2939

&lt;211&gt; 1206

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2939

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&lt;210&gt; 2940

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2940

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<210> 2941

<211> 1506

<212> DNA

<213> *Enterobacter cloacae*

<400> 2941

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cgcaacctgc	tgccgcgtcc	tcctgctgcg	catccgaatt	atgccttttcg	ctttatcgat	360
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<210> 2942

<211> 963

<212> DNA

<213> *Enterobacter cloacae*

<400> 2942

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<210> 2943

<211> 1008

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<213> *Enterobacter cloacae*

&lt;400&gt; 2943

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&lt;210&gt; 2944

&lt;211&gt; 552

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2944

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&lt;210&gt; 2945

&lt;211&gt; 1182

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2945

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&lt;210&gt; 2946

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2946

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&lt;210&gt; 2947

&lt;211&gt; 2805

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2947

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&lt;210&gt; 2948

&lt;211&gt; 771

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2948

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&lt;210&gt; 2949

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2949

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&lt;210&gt; 2950

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2950

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&lt;210&gt; 2951

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2951

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&lt;210&gt; 2952

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2952

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&lt;210&gt; 2953

&lt;211&gt; 1179

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2953

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&lt;210&gt; 2954

&lt;211&gt; 1644

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2954

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&lt;210&gt; 2955

&lt;211&gt; 1455

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2955

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&lt;210&gt; 2956

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2956

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&lt;210&gt; 2957

&lt;211&gt; 837

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2957

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&lt;210&gt; 2958

&lt;211&gt; 1752

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2958

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&lt;210&gt; 2959

&lt;211&gt; 705

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2959

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&lt;210&gt; 2960

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2960

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accaccgagt actga

555

&lt;210&gt; 2961

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2961

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&lt;210&gt; 2962

&lt;211&gt; 1569

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2962

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&lt;210&gt; 2963

&lt;211&gt; 1329

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2963

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atctggcagc	cgtacggtat	ggcgagcgac	ggcgtgtggc	atgcctacag	caaaggccag	900
cacgacgtgg	gtgcgcattg	gttcaacgcc	acgctggaag	actggggggc	tttcggggag	960
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ccgtcattca	gcgcccagcc	gctggaagcg	tcgctgatgt	ttagcgcgat	tgcgaacgcg	1320
ctgcgctga						1329

&lt;210&gt; 2964

&lt;211&gt; 1908

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2964

accgcgcacg	gcgcgcattg	tggcgggaacc	gcgcttcgac	aaccagcgtc	tgttccgcca	60
tctggcgctc	gccggtttcg	acacgggtgaa	agagttcgac	ttcccgcaca	aacgctccc	120
cctcatcatg	agcgagcgtc	atcgcttctt	ccacgagggtg	gaactgtgaa	cgactctgg	180
cagaaaagtga	accgcgagat	ggtggcgaag	atcctcgccg	aactggaata	tgaacgcacc	240
ctgcgcgcgc	agccggattc	ggcggactac	tggcgcatta	gtatgggcaa	cgcgtgctgg	300
cagtttcgcg	ccacgcgtgg	gatctggggc	tggctgcata	ttgacctga	tacctgacc	360
accaccagcg	gcgcggcggt	cgaagcggaa	aacgcgctgc	tgcactggc	caccgtactg	420
gagatgagcg	acgcgcaaac	agcggagcac	atggaagatc	tctacgccac	gctgcggggc	480
gacatgcagc	tggtgcaggc	gcgtgaaacg	ctggatgccg	atgcgctgat	ccacctgac	540
ccggacgagc	tacagtgcct	gatgcgcggt	caccggaagt	ttattttcaa	taaggagcgc	600
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cagcaaaaaa	ttgccattca	tttcctggcg	cagctcgcac	gcggtgaaat	ggtggagctg	900
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gcgcgcttcg	cgaagtccga	cctgtttaag	ccgcagatta	ttcgcgatga	cctcaaccgc	1800
gtcaaactga	ccttctctga	acacgacggc	ggcagccgca	tgctgccgaa	ctacgtctgc	1860
gatcttgata	accctctttt	tctggcctcc	cgggagtcag	cgcaatga		1908

&lt;210&gt; 2965

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2965

aatgttatgg	cgcttcctgc	aaggccaggc	gaacaaaccc	gttattctgc	gccagcaatt	60
catgcgcttt	ccaggcattc	agaccggtca	gcaccatcag	taccgcccgt	ttgcactggg	120
ggttacagct	ttccagcgcg	gccttcgcct	gcgcccggct	acatcccccc	gcttccatca	180
caatggcaat	ttgtcgcttc	gcccattctg	tggtgcttgc	ctccagatca	acgcgcagg	240
tgctgtacac	ccgtcctgtc	cgtaccgcca	gaccgggtgg	ga		282

&lt;210&gt; 2966

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2966

cgagaggaat	atcgcgatga	aaatgtgtta	attgtcgatg	atgacgccat	ggtagccgac	60
ctcaaccgtc	tgtatgttaa	ccgcgttgag	ggtttttagt	gctgcggcgt	cgcttccacg	120
ctcaaccagg	ccgaggcggt	gatcgccaac	ccaggccagc	cgatcgatct	ggtgctgctg	180
gatgtctata	tgcagcagga	taacggggctg	gatctgctcc	ccatcattcg	cgcgctcggg	240
cgcccgaatt	acgtcatcat	gatctcgctc	gcctccgacg	ccgcaacaat	ccagacgtcc	300
atgcactatg	gcgtgggtga	ttacctgatt	aaaccgttcc	agttcccgcg	ttttgaagag	360
gcgctgaacg	gctggaaggc	aaagcgcagc	ctgatgggat	cgcatcagta	ttatgaacag	420
gccgacgtcg	acaggctgat	ccacggcggc	gcgcccggag	tggttgacag	caaaaaatta	480
cctaaaggcc	taacgcgcga	gacgtcgctc	accatttgcc	agtggatcga	cagccatccg	540
gagatagaat	tttccaccga	cgatctggcg	aatgcgggtc	acatttccc	cgctcctctg	600
cgcaaatacc	tgatctggct	ggcgcaaat	aatatcctgt	tcaccagcat	tcattacggc	660
gctaccggcc	gaccggtata	tcgctaccgt	ttgcagccgg	aacagggtcg	actgctcaag	720
cagtactgcc	agtaa					735

&lt;210&gt; 2967

&lt;211&gt; 1695

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2967

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tttattttacc	agaacccctt	ccctctcgcg	catgacgaca	ccgaatacta	tctgctgacc	120
aaagagcatg	tctccgttgc	cgagttcgat	ggtcaggaag	tgctgaaagt	ggagccggaa	180
gccctgaccc	tgctggcgca	gcaggctttc	catgacgccg	cgtttatgct	gcgtccgtct	240
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gttgccctgc	aattcctgcg	caactccgaa	attgcggcga	aaggcggtgt	gcccacctgt	360
caggataccg	gtacggcaat	cattatgggt	aagaaaggcc	agcgcgctcg	gaccggcggc	420
ggcgacgaag	cggcgctgag	tcaggcgctg	tataacacct	atattgaaga	caacctgcgc	480
tactcacaga	acgcggcgct	ggatatgtat	aaagaggtga	ataccggcac	caacctgcc	540
gcgcagatcg	acctctacag	cgttgatggg	gacgagtata	aattcctgtg	catggcgaaa	600
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ctggtggatg	acaaaggcaa	cgacttcttc	caggagatcc	agaataaaca	gtgcaaaggg	1680
tgctcacagc	gctga					1695

&lt;210&gt; 2968

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2968

ggagaaggcg	tgatggcaaa	cgcaaatatc	gtccattccg	gctacggctt	tcgctgcacg	60
gtcacggaac	aaaacctgcc	gctgacgctg	ggctcgcacg	gcagcgcggt	gatggagcgg	120
ctgatcgggc	tcccgagcgg	ctggctggtg	gacgccctcg	accagctgtt	tggtgcccgg	180
cccgcctga	cgggcattac	cctgccgtgg	gcagcctggc	aggatgaacc	tcaggcgcag	240
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ctgtggctga	aaggcgaaacg	cccgcaggcg	agcgggcgaa	tcagtttga	cgaaagccgt	360
cagctgtact	tcccgctgcg	ccctcaccgc	ccacagggcg	aggtgtatcg	ccgttacgat	420
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&lt;210&gt; 2969

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2969

gattgtgacc	cagcgggac	gcttcctggc	gcggcacgctc	tgctggggga	ttgggaagca	60
gatcaatctg	ccagactgcg	tcaccgcgca	ggacgatacc	tgcttccacg	ccagcgaaat	120
gatgctgcgc	acgcgggatt	tagcgggcaa	gcgcgtcacc	gtcgtcggcg	gcggccagag	180
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ataccgcgcc	atgtaccacc	gtttcgaagt	gctgcgtga			459

&lt;210&gt; 2970

&lt;211&gt; 1221

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2970

atcattaata	aagaccaccg	agtactgaca	cacacattca	ggatcaacat	aacaatgaaa	60
cgttctcatc	tttgggtttt	aaatccgtgc	ttgcttgcca	tgctttctac	ctctgcgtgg	120
gcggaagaac	aaaaggaaga	agatattgtg	gtctccgccca	gccgggcaca	tcgcagcgtg	180
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ggcgggaaag	agattaaaga	cgtgctggcc	cagctgatcc	cggcatgga	cgtcagcagc	300
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accggggcaa	aaagcgggtt	taacagccat	aacgaccatg	atgagaacgt	ctccgcagcc	600
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ggctgggtatg	acggcaacgg	cgacgaggtg	attatcgata	acaccagac	cggcttgacg	720
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ggggagaatt	tcgctgcggt	cacgggcgat	gccaaagcct	ataacaaaga	caacctgaac	900
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aaagcggcgg	cgagccgcgg	g				1221

&lt;210&gt; 2971

&lt;211&gt; 714

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2971

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tatgctcagg	aactgatattc	tcattttacag	ccgcactgca	ccacgcataa	aaccgatccc	180
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cagctttccc	gcagcggcgt	aatgcggatc	ctggctgacc	tgaaaacggg	cgggttcac	660
gaaatggaag	aaggccggct	gattaaaatt	aataaactgc	ctgccagata	ctga	714

&lt;210&gt; 2972

&lt;211&gt; 207

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2972

ttgttatttta	taaacattat	gtcaccgacc	gataacagcg	cggcaacgcc	aacaaaaaca	60
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gaggagggac	gggtcattat	cgagcatgac	ggccagcact	acctgctgcg	ccagaccaat	180
gccggaanaac	tgatcctgac	taaataa				207

&lt;210&gt; 2973

&lt;211&gt; 1197

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2973

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ttatcaatgg	taattccctt	cggggcaacg	attcagaagg	ataagattat	gggtcactac	180
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ggcgggccacg	ccgggctggt	gctaaatccg	cgtgcgctgg	atctgcgttt	gttcctcaac	480
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gttgccgcct	ggggcgacgt	gctgacccgt	tttatcattg	ccgataaacc	cgctctggcg	660
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ggctggctga	acatcttcaa	cccaaccttt	accctgcac	tgctggagga	gactatcgcc	1020
gagacgtggg	taacgcgtaa	acctacggcg	gacggacacg	ttaccagcct	ggagctgttt	1080
gctgcggatg	gcactcagat	cgcccagctc	tatgggcagc	gtaccgaagg	cgagcctgag	1140
cagagccggt	ggcgctcgcca	gattgacgcc	ctgacgcgcg	aagggtggtc	ggcatga	1197

&lt;210&gt; 2974

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2974

tcgcatcagt	cagtgaagtc	tcaaataaat	acccgattcg	cgcttgagtc	agaaattgat	60
aaatcaacag	tgctcggcgc	taagcctttt	aagcacattg	aaaaaataat	cgataatggt	120
ttgccgcatg	cggagagagg	cattattgcc	agaggagaaa	ttatccatta	ttgctccggc	180
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&lt;210&gt; 2975

&lt;211&gt; 2067

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2975

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&lt;210&gt; 2976

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2976

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&lt;210&gt; 2977

&lt;211&gt; 1176

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2977

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&lt;210&gt; 2978

&lt;211&gt; 1059

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2978

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caaaaacacc	atttcatttt	aaattcagat	aagtctcttg	ctgtgaaatt	aactttttta	180
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&lt;210&gt; 2979

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2979

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&lt;210&gt; 2980

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2980

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ccctga						846

&lt;210&gt; 2981

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2981

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&lt;210&gt; 2982

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2982

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&lt;210&gt; 2983

&lt;211&gt; 1074

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2983

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&lt;210&gt; 2984

&lt;211&gt; 561

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2984

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&lt;210&gt; 2985

&lt;211&gt; 2433

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2985

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&lt;210&gt; 2986

&lt;211&gt; 1485

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2986

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&lt;210&gt; 2987

&lt;211&gt; 2379

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2987

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&lt;210&gt; 2988

&lt;211&gt; 2280

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2988

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&lt;210&gt; 2989

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2989

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cagcaataa						729

&lt;210&gt; 2990

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2990



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&lt;210&gt; 2991

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2991

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aaagcagagt	aa					312

&lt;210&gt; 2992

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2992

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acgtgtctga	tgcagctcac	ggacgttgcc	gggaagggac	gtcttgagcc	tgtgactgcc	120
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&lt;210&gt; 2993

&lt;211&gt; 504

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2993

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&lt;210&gt; 2994

&lt;211&gt; 1584

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2994

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&lt;210&gt; 2995

&lt;211&gt; 3129

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2995

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&lt;210&gt; 2996

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2996

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&lt;210&gt; 2997

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 2997

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gtgtac						546

&lt;210&gt; 2998

&lt;211&gt; 1884

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2998

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&lt;210&gt; 2999

&lt;211&gt; 678

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 2999

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&lt;210&gt; 3000

&lt;211&gt; 1131

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3000

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&lt;210&gt; 3001

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3001

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&lt;210&gt; 3002

&lt;211&gt; 1686

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3002

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&lt;210&gt; 3003

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3003

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&lt;210&gt; 3004

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3004

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ccatga						246

&lt;210&gt; 3005

&lt;211&gt; 1899

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3005

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&lt;210&gt; 3006

&lt;211&gt; 522

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3006

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&lt;210&gt; 3007

&lt;211&gt; 588

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3007

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&lt;210&gt; 3008

&lt;211&gt; 1107

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3008

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&lt;210&gt; 3009

&lt;211&gt; 1017

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3009

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&lt;210&gt; 3010

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3010

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&lt;210&gt; 3014

&lt;211&gt; 1365

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3014

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&lt;210&gt; 3015

&lt;211&gt; 1440

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3015

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&lt;210&gt; 3016

&lt;211&gt; 1164

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3016

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&lt;210&gt; 3017

&lt;211&gt; 249

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3017

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&lt;210&gt; 3018

&lt;211&gt; 1227

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3018

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&lt;210&gt; 3019

&lt;211&gt; 2505

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3019

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&lt;210&gt; 3020

&lt;211&gt; 1419

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3020

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&lt;210&gt; 3021

&lt;211&gt; 1302

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3021

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1302

<210> 3022

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 3022

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<210> 3023

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 3023

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tatttcgtcg	aacaatgtcc	ggaagacccg	atcagcgaga	tgatccgcgc	gcagatcaac	780
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<210> 3024

<211> 864

<212> DNA

<213> Enterobacter cloacae

<400> 3024

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<210> 3025

<211> 891

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3025

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&lt;210&gt; 3026

&lt;211&gt; 798

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3026

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&lt;210&gt; 3027

&lt;211&gt; 3996

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3027

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&lt;210&gt; 3028

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3028

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&lt;210&gt; 3029

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3029

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&lt;210&gt; 3030

&lt;211&gt; 765

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3030

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&lt;210&gt; 3031

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3031

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&lt;210&gt; 3032

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3032

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&lt;210&gt; 3033

&lt;211&gt; 1473

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3033

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&lt;210&gt; 3034

&lt;211&gt; 1590

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3034

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tcgaaaaatt	tcgccaacct	cgtgttgccg	cagattgacg	attactatga	acctttcacc	360
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ggctccgaca	caaaattcaa	cctcttcaac	agcagccgca	tcgacgcgat	caacatcacc	1560
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&lt;210&gt; 3035

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3035

tgctgccaac	ttactgattt	agtgtatgat	ggtgtttttg	agggtgctcca	gtggcttctg	60
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ctgccggaca	tcagogetat	ctctgctctc	actgccgtaa	aacatggcaa	ctgcagttca	180
cttacaccgc	ttctcaaccc	ggtacgcacc	agaaaatcat	tgatatggcc	atga	234

&lt;210&gt; 3036

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3036

cctattgttg	atatagetca	atctcacgcg	agacgcagga	aaacgatgat	cccaaaccac	60
ccggaacctg	aacaaatagt	ggtggaaaat	gtgctgttcg	ccctcgga	cccgtgcga	120
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gaagaggtgg	tgaatccac	tatgactcac	cactggcgcg	tgctgcgcga	cagcgccgtg	240
atctggcagc	gcccgcaggg	gcgcgagaat	atgatttcac	tgagaagaga	ggatctggac	300
acccgctttc	cgggactgct	ggcgatcctg	ctccaggcta	agtag		345

&lt;210&gt; 3037

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3037

gccgccatgt	taaaagacaa	cttcaacgat	ctgctttcct	ttatggtcgt	cgcccgagg	60
cgcagcttta	cccgcgcgcg	ggcgagctt	ggggtatctc	agtcggcact	cagccacgca	120
atgcgcaatc	tggaggcgag	gctggaagtc	cgtctgttaa	cccgcaccac	ccgtagcgta	180
gcccctaccg	aggccgggtga	gcaactcttc	atgcgcttaa	gccccatct	gctggagatc	240
gagcaggaac	tcaccgcgtt	gcgtgatacc	cgcgacagac	ctgcggggaa	tattcgctt	300
aacgccgggg	aacacgccat	gtctacagtg	ctgtggcctg	tgcttaaacc	ctttatggcg	360
cagtatcctg	acatcaacgt	tgaagtcacg	gtggacaatg	ggctgactga	tattgttgat	420
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cgccgccagc	acactaccgc	ctttgcatca	cttattgcag	ccctgcggca	tacatag	897

&lt;210&gt; 3038

&lt;211&gt; 1599

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3038

ctggaaaggc	agcatgtgtc	tgcgcagaag	caatcggttg	tttcggcatc	tgccaggcag	60
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agcgcagccg	atcatcatgc	tgcgaaacgt	cgctgggtga	actctcatga	agagggtat	180
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ggtctgtttt	taggtgcagg	cgcacgtctg	caaatggctg	gccccgctct	cgccctggtc	300
tatctggtgt	gcgggatctt	ctctttcttc	atccttcgtg	ccctcggcga	actgggtactc	360
caccgccctt	ccagcggcag	ctttgtctct	tacgcccgcg	agtttcttgg	tgaaaaagcc	420
gcgtatgtcg	cgggctggat	gtacttcggt	aactgggcaa	tgaccgggat	tgctgatatac	480
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ggcgcgtatc	tgcgctccat	gtcgtatggg	ggctctgcgc	cgaagtttat	gtcgaagatg	1140
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&lt;210&gt; 3039

&lt;211&gt; 996

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3039

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ccggataccg cgcagactga aaatcctgcg cactag

996

&lt;210&gt; 3040

&lt;211&gt; 3783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3040

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tga						3783

&lt;210&gt; 3041

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3041

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cgccgttaa						729

&lt;210&gt; 3042

&lt;211&gt; 525

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3042

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gtattcgggtg	aacgcactat	ggcgacgctg	gggcgtctta	tgagcctgct	gtcacccttt	300
gacgtggtga	tatggatgac	ggatggctgg	ccgctgtatg	aatcccgcct	gaagggaag	360
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&lt;210&gt; 3043

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3043

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ccgtgcgcc	tctttgaagc	cgaggatcgc	cgccatgcgg	aaggccatct	ccgaggagtc	360
aacgtcatgg	taagaaccaa	acgtcagggt	cgctttcaca	tccaccaccg	gatagccccg	420

cagcacaccc	gtattcatgg	cttctcgcaa	ccctttttcc	accgacggga	tgtactcccg	480
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&lt;210&gt; 3044

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3044

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cgacggatct	tccgcgcga	ggcgtgtag				270

&lt;210&gt; 3045

&lt;211&gt; 954

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3045

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cacctcatgg	cgatcggttg	catgcatcag	cacgatgcgc	ccgatacgct	ctttcttgcc	240
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ggtcagctgg	ccgacgtacg	gatcgctcat	cagcttgaag	gccagcgccg	agaacggttc	360
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&lt;210&gt; 3046

&lt;211&gt; 402

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3046

atcatgaaaa	ttatccgtag	cggttcggtta	ccttccgttc	aggggtccaga	ggcctgggtt	60
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&lt;210&gt; 3047

&lt;211&gt; 1020

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3047

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ctggccgccca	ttgcgcccgg	ccgggttgat	ctgggcgttg	gcaaagcgcc	cggcggtctg	360
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&lt;210&gt; 3048

&lt;211&gt; 1329

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3048

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ctgacggtgt	tgctccgct	ggcgagtatc	acctcgccgc	tggggctggt	cggcacgttg	300
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caacaataa						1329

&lt;210&gt; 3049

&lt;211&gt; 837

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3049

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&lt;210&gt; 3050

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3050

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&lt;210&gt; 3051

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3051

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gttcaggaag	ctgactggaa	ggcgcaggtc	tgggataccg	agatcgcccc	gaaactggat	240
gaactgatta	agaagccccg	ctattcgatg	taa			273

&lt;210&gt; 3052

&lt;211&gt; 1017

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3052

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<210> 3053

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 3053

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<211> 2112

<212> DNA

<213> Enterobacter cloacae

<400> 3054

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&lt;210&gt; 3055

&lt;211&gt; 1074

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3055

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gacgcaaaaa	cgagcgaggt	taaagggcgc	ctggtgctgg	acgatcgcaa	gcgtagcgac	420
acggtgaagc	cgcttcagcc	gcgccagctg	gtggccgatg	acacgaccaa	tacggtgtac	480
attaccggca	tcggcaagga	gagcgtgatc	tgggttggtg	atggcgcaac	gctgaagctg	540
aaggacacta	tcacgaacac	cggcacgttc	agcaccggac	tggcgctgga	tgcgaaggca	600
aaacgcctgt	ataccacca	tgcggacggc	gagctggtga	ccattgatac	ggcaaccaac	660
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agcctggaca	ctgtcggcca	gcgtgcgttt	gtgacggatt	caaaacagcc	agaagtgtctg	780
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aacagcctgg	cgctgtctgc	ggacggtaaa	acgctgtacg	taacggtgaa	acagaaatca	1020
acccgtcagc	aggaagcgac	ccagcctgac	gatgtgattc	gtatcgcgct	ctga	1074

&lt;210&gt; 3056

&lt;211&gt; 576

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3056

ttcgatccgt	tttcttcagc	atttgcaggc	ggaacggtga	aaatcaatat	cataggtacc	60
agcggaaagt	ggaaaagcac	gtttggcagg	cgaatcgccg	aggcgctggc	tatcccttac	120
attgagatgg	acaggcttta	ctggcgagcg	aactggcagg	gaacaccgga	cgatgagttt	180
cttgcaaccc	tggaaaaagc	gctcgccgcc	tcgcctgact	gggtcctgga	cgggaattac	240
aaccgcacac	gcgacgttaa	gtggcgcgac	gtcgatctgg	tgggtgtggat	agatcgtggg	300
tttatccgca	cgctctggca	agcgttgacg	cgggcctcca	gacgcgcctg	gcacaaacag	360
gagctctggc	ccggcacggg	gaaccgcgaa	agctttcgtc	ggtcgttcct	tagcaaggac	420
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atgcaaaacc	cgcagtacaa	acacattcgc	tttctccgca	ttacccgacg	gcaggatgcc	540
gaaagactca	ttgcctcgct	taaatcacgc	cgatga			576

&lt;210&gt; 3057

&lt;211&gt; 1137

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3057

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acggcagccg	ggattgcacc	gctgccttac	gatctccaga	ccgggctggg	tgcggagatc	180
ggcacgggca	acgcactggt	tgcgctgcgc	gccgatatcg	acgcgttacc	catcgacgag	240
cgcagcgggg	tgcggtttag	ctcccggcgt	gccgggggtga	tgcattgcctg	cggacacgac	300
attcacacca	gcgtgatcct	cggcgcccg	ctaaagctga	aagagcggga	agcctcgctt	360
aacggtcgcg	tgcggatcct	gttccagcct	gcggaagaaa	atttcgggtg	agcgaaaagc	420

atggtgctgg	ccggggcggt	acgcgacgta	cgcgcgattt	tcggaatgca	taacgagcct	480
tcactgccc	tcggcgagtt	tgccacgcgc	ggcgggccgt	tctatgccaa	cgtcgatcgc	540
ttcgttattc	acgtgaccgg	caaaggcgcg	catgccgcac	gtccccatga	aggcaacgac	600
gccatcgtgc	tggcaagcca	gctggttaacc	gcgctgcaaa	gcgtagccag	ccgtaacgtc	660
aatacgttg	attcggttgt	tctgagcgtg	acgcgcacat	ccggggggaa	tacctggaat	720
gtgctgccc	aaagcgttga	gctggagggc	acgctgcgca	cgcaccgcac	ggaagtgcag	780
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atgggcgggg	aggattttcg	ggtctatctg	caaaacatac	ccggcgcggt	tgtagcatt	1020
ggcagcaaca	gtccggttgg	gttacatcac	ccggcattta	acccggacga	agcattaatc	1080
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&lt;210&gt; 3058

&lt;211&gt; 1062

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3058

ccaggtggtg	cccgtttttac	aggcgcggtg	cctgtttccgc	accgactatc	ccggcaccac	60
gctgcgcgaa	agtctgggct	tagacgagcc	caaaaatcag	ttcacacaac	aataaaaagag	120
aaaaacgcta	tcgagaaatc	atcgcttatt	ctggcgcttg	cgctggcctt	taccctgcc	180
gtctgggcag	agaacgtcaa	tattaacggc	accggcggtg	gcattgaggc	caataaaacg	240
ccgatcaata	ccgccaaaaa	cagcgatgcg	atcgcgcaac	tgccgaaaga	ctatcgtttt	300
gccgtgccc	ggaaattttac	cgtggcggtg	gcgggactga	atcaaccgcc	actgacggtc	360
ttttccgacg	acaacaaaaac	tctgctggga	agtgaggtcg	acatcgcgcg	tctggtagcg	420
gacagcctcg	gactggagct	gaacgtgggtg	cccacctctt	gggaggactg	gccgttgggg	480
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gagaagttcg	acttcgccac	ctaccgcaag	gattcacttg	gcttctacgt	gaaatccacc	600
agtcgatca	actcgcttgt	gaaggcagag	gatatgcgcg	ggctgcgcac	catcggtggg	660
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gcggtgacgc	tgaaaaaagg	cagcggcctg	gccgaaccgg	ttcaaaccgc	gctgaatggc	960
gcgatcaaga	acggagatta	cgacaagggtg	ctgaaccgct	ggggggaagg	cgtggagcgt	1020
atccccagtt	ccgaagttaa	cccggcggtt	ctgggcgatt	aa		1062

&lt;210&gt; 3059

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3059

ggaggcgcta	tgcgcgaaaca	atttcgtgac	gtttcgccag	aagataccga	tcttcagcct	60
attatcgagg	ggcttttttg	tgaatacgt	gctcgttacg	gcgactactt	ttcaaaggat	120
gcggaagtcg	agctgacaga	gtggtacctg	gcgcgcgagg	ggctgtttat	cgtactggag	180
cgcgatggcg	agatcatcgc	caaccggggcg	tataagccct	tcgacgaaca	taccgcagag	240
atcaaacgta	tctggacgaa	taaaacgctg	cgccagcagg	ggctggccgc	gcgcgtggta	300
caggagctgg	agcgccgggc	ggtgctggcg	ggctacagcc	acatctacct	gaccacgggg	360
tttcgtcagc	cggaggcggt	gcggctctat	ctcagccagg	ggtatcagcc	gcagttcgat	420
ctcaaccgcg	acccggaaga	gtacagccag	ccgcggttcg	acggtcggct	gcgtttcacc	480
aagacgctga	tccgcgaagc	gctcagcaaa	accgcataa			519

&lt;210&gt; 3060

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3060

ggagcgacga	tgagcaacgt	tgaaccata	aaagtgggtcc	cggcacgtta	tccgctgcgc	60
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gctgctggcg	ccgtggtggc	gctgtttgtg	ctggcgggtcg	tgatccagtc	cgtggccttt	120
aatccgcgct	gggagtgggc	ggtatttgcc	cgctggttct	tcgacccggt	gatcctcgaa	180
ggcgtcggcc	agacgctgct	gctgacgttg	ataagcactg	tactgagcgt	ggtgattggc	240
ggcatgctgg	cgctggcgcg	gctctcgta	tcatggctgt	tgagcagcct	ggcgtggggt	300
tacatctggc	tgttccgata	gctgccgctg	atcgtggtgc	tgattatcct	ctataacttc	360
tcctatctct	acgacacgct	ctctctcggc	gtgcctttta	ccggcattac	ctggggcagc	420
tttgaacca	tcaacgttct	cgggcagttt	tctaccgcca	tcgtggggct	gactctggtg	480
cagagcgct	atactgcgga	gatcattcgc	gggggcttcc	ttggggtcga	ccacggtcag	540
tatgaggcgg	ccgctgcgct	aggtctgccg	gcgtggcgct	gcaccgtgcg	cataattctc	600
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cgccgctccg	ccgtaaacca	gaaccggcg	gcgagtcgct	cgcgttcggt	caccacttcg	900
ccagcacagg	agcctgttca	tgcaagcctc	tcttga			936

&lt;210&gt; 3061

&lt;211&gt; 627

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3061

gggggcaaca	tgatcaaact	ctatggcgta	cctggctggg	gatcggcaat	cagtgaagtg	60
atgctgactc	tggcagacat	cccgatatcg	ttcgtcaacg	tggacgggtt	tgaccagccc	120
ggcccgcagc	gcgaattgct	gttgaaactg	aaccgcgtgt	gccaggtgcc	gacgctggag	180
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cgtcccgaac	tcgcgcgcgc	cgttgggcag	gccgagcgcc	agcagtttca	gcgcctgctc	300
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gttcctgatg	ccccggaaca	gttgaagaaa	aactgcattg	agtaccgaaa	atcgctttat	420
ctgtggttcg	acagccagct	cagcgcctcg	ccgtttgctg	ttggcaaaca	gctgacgctg	480
cttgacgtct	atattgcgct	tgcgcgtacc	tggggctcgc	gccatgagtg	gtttgccacc	540
aacacgccta	atttttaccg	cgtcgcggat	gccgtctgcg	cgcgtccgga	actgcacaag	600
gtgctaaaag	ctaacgatata	aatctga				627

&lt;210&gt; 3062

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3062

tgcccgatga	ctttgtcatg	cagctccacc	gattttgaga	acgacagcga	cttccgtccc	60
agccgtgccca	ggtgctgect	cagattcagg	ttatgccgct	caattcgctg	cgtatatcgc	120
ttgctgatta	cgtgcagctt	tcccttcagg	cggtattcat	acagcggcca	gccatccgtc	180
atccatatca	ccacgtcaaa	gggtgacagc	aggctcataa	gacgccccag	cgtcgccata	240
gtgcgttcac	cgaatacgtg	cgcaacaacc	gtcttcggga	gcctgtcata	cgcgtaa	297

&lt;210&gt; 3063

&lt;211&gt; 1395

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3063

agcatgacgt	tgggtgccag	cggaacaaga	ttgttggtga	ttattgatata	ttactcgctg	60
gtgatggcgg	ggatggtgct	gccgatgggc	gcgatgggcg	atcgcatagg	ttttaagcgc	120
ctgctgatga	tcggcagcgt	gctgtttggc	ctgtcatcgt	tagcggcggc	ttttgcgccg	180
tccgcgggct	ggctgattgc	cgcccgcgcg	tcgctggcga	ttggcgcggc	gatgattatt	240
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atgctgctgg	agcactttta	ctgggggttcg	gtcttcctga	ttaatgtgcc	gatcggtcgt	420
atggtggttt	cgtttgctgc	gcgctttgtg	cctgctcagc	aggggcggcc	cgagcagccg	480
ctcaatatca	gccatgccat	tatgctaatt	gtggcgattt	tactgctggt	ctatagcgcc	540

aaaaccgcct	tgaaaggggt	gctgtcgccg	tggatggtga	ccattacgct	gcttaccggg	600
gcggtgatgc	tgtttatctt	cgcccgatc	cagctgcgcg	cgcgcgtacc	gatgatcgac	660
atgcgtctgt	tttgccatcg	cattatctta	agcggcggtg	tcatggcgat	gaccgccatg	720
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gggctaagcg	cagtcagttt	tatcggcctg	tcgatgcttg	atttcagcac	ccaacagtgg	960
caggcggtga	gcctgatgg	gctgttgggc	ttcagtgcgg	ccagcgcact	gctgacatcg	1020
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cgcagctttt	cggcgtctat	tgtactgcgg	caggggctga	gcgcgtcgct	gaccgataaa	1200
gcctcgtcgt	ccatcggtga	agcgatgaag	gtggcgcgagg	agctgacgcc	gtcactggcc	1260
gagccggtga	tgacggcggc	gaaaactgcg	ttcatcacct	cgcacagcgt	ggccctgggc	1320
agtgcgggag	gcatgctgct	gattctggcg	gtcgggatct	ggtttagtct	ggcgaaggtc	1380
ggagggcagc	agtaa					1395

&lt;210&gt; 3064

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3064

cagatcttag	aactggtagg	tcagacctac	agccacgatg	ttgtcggtag	ccactttggc	60
atctttggtg	aactggctgt	catccacgag	gttgattttg	taatcaacgt	agggtggacat	120
gtttttgttg	aagtagtagc	tcgcgccaac	gtcaacgtat	tcaaccagat	cctggtcgcc	180
ataagaacag	atgtctcgac	cagccgctgc	cagtag			216

&lt;210&gt; 3065

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3065

cagcgccaga	gcattattaa	aatcagtaag	ttagttaata	acgcccagaca	tgtaactgc	60
gtggagggca	ataccacgct	gtacgccctg	ccccgcgcgg	agatcgtcga	acgctggcgt	120
gagcaaacca	ccgacgactt	ccgcttttgc	tttaaattcc	cggcgaccat	ctcccacaac	180
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gccaaaccga	ttggccagta	ctggctccag	cttcccgcgg	cgtttggccc	acgcgacctg	300
cccgccctct	ggcagtttct	cgaggccctg	ccacttgatt	tcacctacgg	cgtagaagtg	360
aggcatccgg	aattctttgc	caaaggcgac	gcggagaaag	cgtccaatcg	cggcctgcat	420
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atgttcgccg	tctggctgca	aacgctggcg	aaatgggagc	acaccaccac	gccgtacctt	660
tttttacata	cgcgggatat	cgcacaggcg	cctgaactgg	tcgatgctct	ctggcaggcc	720
ttgcagcagg	cgtttccgtc	ggttggcccc	gcgcgctcca	tcccacaaca	atcttctctt	780
ttctga						786

&lt;210&gt; 3066

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3066

agacgtgcc	tctgcaaaa	acaggaggtt	agtatggtca	gcgcgctgta	tgccgtgtta	60
ggtgcattac	tgctgattaa	gttttcatct	gatgttgtgc	gcctgagaat	gcagtaccgc	120
gtctcgtacg	gtgacggggg	cttttctgag	ctgcaaagcg	caatccggat	ccacggcaac	180
gccgtcgagt	acattcccg	cgcgttaatt	ttactgctgt	taatggagat	ggtggcgct	240
gaaacctgga	tggtgcacgt	ctgcgggctg	ctgctgatag	cagggcggtt	gatgcattat	300
tatggttttc	accacgcgct	gatccgctgg	cgtcgttccg	gcatgagcgc	gacctggtgc	360
tcgcttttgc	tgatggtgct	ggctaacctt	tggtatatgc	cgtgggagtt	ggttttctcc	420

ttccattag

429

&lt;210&gt; 3067

&lt;211&gt; 1011

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3067

ctttggttct	ctggtggcgc	tgaaagccgc	agacgcagca	tgatcgagtt	cggtaatttc	60
tatcagctga	ttgccaaaaa	ccatctttcc	cactggctgg	aaaccctgcc	tgcgcaaatt	120
gccacctggc	agcgcgatca	gcagcatggg	ctgttgaagc	agtgggtcaa	cgccgtggag	180
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ccgtggcgca	aaggggccgt	ttcactttac	ggcgtaaaca	tcaacaccga	gtggcgctct	360
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ttgggtaacg	accagcgtgc	gcacctgttg	ccgctgggta	tcgagcaact	ccctgccctg	600
aaagcctttg	ataccgtttt	ctcgatgggc	gtgctgtacc	accgtcggtc	cccgtgggag	660
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gttatcgaag	gcgatgaaca	tgccgttctg	gtgccggggc	atcgctatgc	gcagatgcgc	780
aacggtttact	tcaccccttc	cgcgctggcg	ctgaagaact	ggctggagaa	atgtgggttt	840
gtcagtgatc	gcacgcgcga	tgtgtgcgtg	acgtcgattg	aagaacagcg	tcgcaccgac	900
tggatgatca	ccgaatcgct	ggagcaattc	ctcgaccggg	acgatcacag	taaaaccatc	960
gaaggctatc	cggccccgat	gcgtgcggta	ttgattgcga	cgaagccgta	g	1011

&lt;210&gt; 3068

&lt;211&gt; 1743

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3068

ggtatccagg	tgaatattca	ggctcttctc	tcagaaaaag	tcagtcaggc	actgattgcc	60
gcaggtgcgc	ctgcggtattg	cgaaccacag	gttcgtcagt	cagcgaaagt	acagtttgcc	120
gactatcagg	ctaattggcg	gatggcagtg	gctaaaaaac	tgggcatgcc	gccgcgacag	180
ctcgtcgagc	aggtactgac	gcacgtggat	ctcaccggca	tgcgccagca	aaccgaaatc	240
gccggtccag	gctttatcaa	cattttccct	gagcctgcac	tcctggcaag	ccacgttgac	300
gcggcgctga	aatctgaccg	tctgggctgt	gctcagccag	aagcgcagac	cgtggtggtt	360
gactactccg	cggcaaacgt	ggcgaaaagc	atgcacgtcg	gtcacctgcg	ctccaccatc	420
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caggaaaacg	caggcgaaat	ggcgctggca	gacctggaag	gtttctaccg	tgaagccaaa	600
aagcactatg	acgaagacga	agccttcgcc	gagcgcgcgc	gcagctacgt	ggtgaaactt	660
caaggtggcg	accggtactt	cctcgagatg	tggcgcaagc	tgggtggacat	taccatgtcc	720
cagaaccagc	ttacctataa	tcgtctgaac	gtgacctga	cccgtgacga	cgtgatgggt	780
gaaagcctgt	ataaccgat	gctgccaggc	attgtggcgg	acctgaaaag	taaaaatctg	840
gcggtggaaa	gcgaaggcgc	aacggtggtg	ttccttgatg	agtataaaaa	caaggaaggc	900
gaaccgatgg	gcgtgatcgt	ccagaaaaag	gatggcggct	atctttacac	caccaccgac	960
atcgccctgtg	cgaaataccg	ttacgaaacc	ctgcatgcgc	accgcgtgct	gtattacatc	1020
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gaaagcgtgc	tggcgaatgc	tacggtgtct	attaccgaag	accgtgaagc	acagctggct	1500
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gttatgtgtg	cttacctgta	cgatctggcc	ggtctgttct	ctggcttcta	cgaacactgc	1620
cctatcctct	ctgccgagag	cgaagcgggtg	cgccacagcc	gcctgaagct	cgcgagctg	1680
acggcgaaga	ccctgaagct	cggtctggat	actctgggta	tcgaaaccgt	agagcgtatg	1740

taa

1743

&lt;210&gt; 3069

&lt;211&gt; 1347

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3069

tctcatatcg	ctcttggg	ctcttggg	tctggaggaa	tcaatggata	gagttacata	tccaacaggc	60
gtcgaaaacc	acggtggcac	attgcgcatc	tggtttaatt	tcaaaggtaa	gcgtgtcagg		120
gagagcctcg	gtgtccctga	caccgctaag	aacaggaaga	tcgccgggga	actgcggaca		180
tcggtatggt	ttgccatcag	aacaggcaca	tttgagtacg	cggcacagtt	tccggactcc		240
cctaacctca	agacttttgg	ggtggggaag	aaagaaatta	cagtgtcaga	gcttgccgaa		300
aagtggctgg	atctgaagag	aatggaaatc	tgcgcgaacg	cactcaaccg	ttatgagtcg		360
gtcacaagga	atatggtgcc	aaggatcggg	ggtaatcggc	tgggtgtcggc	ggtgacgaaa		420
gaagaattac	tgtatatcag	gaaagattta	ctgaccggtc	accagatgcc	aatgaagggg		480
aaggtcccgg	caaaggggaat	aagtgtttgtc	accgtaaatt	attacatgac	aactattgcc		540
ggaatgtttc	agttttgccgc	agatcacggg	tacttagagg	cgaacccatt	cgacgggatc		600
aagcctctca	aaaaagccag	ggcagagcca	gatccgctaa	ctcgtgacga	atttattcgc		660
ctgattgatg	catgccggca	tcagcagacg	aaaaacctgt	ggtcactagc	agtatacaca		720
ggggtccgtc	atggggagct	gacctccctg	gcctgggagg	atatcgatct	tgaagctgga		780
acaataacaa	tcaggcgcaa	ttatacaaaa	ctgggtgaat	tcactctacc	gaaaactgag		840
gccagtacca	acagagtgat	acacctcatt	cagcctgcga	tcagcgtcct	gaggaatcag		900
gcggaaatga	ccaggttttg	aaaaaagcat	caaatcgatg	ttcagctgcg	cgaatacggc		960
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cgagcagggg	taaggcacag	gaaagcatat	cagtcgcgtc	acacgtatgc	atgctgggtc		1140
ctgtcagctg	gtgctaacc	cagcttcatt	gccagtcaga	tgggccatgc	gagcgcccag		1200
atggtcttca	acgtatacgg	tgcgtggatg	gcagacagca	gtagcgagca	gatcgcaatg		1260
ctgaatcaga	ggctcgcgga	ttttgcccc	cagatgcccc	aaagcataca	tagcagcgcc		1320
agagcattat	taaaatcagt	aagtttag					1347

&lt;210&gt; 3070

&lt;211&gt; 840

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3070

tgggtgctggc	taaccttttg	tatatgccgt	gggagttggt	tttctccttc	cattagcgca	60
caatatgccc	ctttattttt	cccggaattt	tacgttatgt	cagatcgcg	cacgcttttt	120
tccgcgccta	tcgccagcct	gggcgactgg	acctttgatg	aacgggtagc	cgaagtcttc	180
ccggatatga	tccagcgctc	tgttcccggg	tattccaata	ttatctccat	gatcggcatg	240
ctggcggagc	gtttttgttc	acccggcacg	caggtctatg	acctgggctg	ttcgctggga	300
gcggcaacgc	tgtccattcg	tcgtaacgtt	catcacgaag	gctgcaagat	tgtggctgtc	360
gataactcac	cggccatggt	cgaacgctgc	cgtcgccaca	ttgacgcgta	taaagcccct	420
acgcctgtgg	aggtggtaga	aggcgatatc	cgcgatatcg	acatccagaa	cgccctcgatg	480
gtggtcctga	actttaccct	tcagttcctg	gtgccggacg	atcgtcagcg	gttgctggat	540
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gaagatgcc	gcgtgggcga	actgctgttc	aacatgcacc	atgatttcaa	gcgtgcaa	660
ggctacagcg	agctggagat	cagccagaag	cgacgcatgc	ttgaaaacgt	catgctgacg	720
gattccgtag	aaaccacaaa	agcgcgccctg	cgcaaagccg	gatttgaaca	cagcgaactg	780
tggttccagt	gctttaactt	tggttctctg	gtggcgctga	aagccggaga	cgcagcatga	840

&lt;210&gt; 3071

&lt;211&gt; 1317

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3071

ataaaaaattt	tgtatgcata	gacgcaggaa	actcttttag	cgcataagagg	atTTTTTgtg	60
gcaagtgcaa	acaaactcac	gctcttcata	gtgattttca	tgctggcggg	tattctttca	120



ggtgcggcga	tccatgagta	tgcttcgtcc	gacgcgatac	aggcctggtc	ggagaacatt	180
acgctactga	ccgatatttt	cctgcggctg	attaagatgg	tgattgcccc	gctgggtgtc	240
agtaccctga	cggtgggcat	tatgaagctg	ggtgaaacgt	cgacgattgg	gcgcgtcggg	300
ggtaaagcga	tggtgtggtt	tatcagctca	tctgtgcttt	ccattctggt	ggggtgtttt	360
attgtttacc	ttgaacaacc	cggcagcggg	ctgaacctga	gcattcccac	agagacgggt	420
gataccggcc	tggccgttag	tgggatgtcg	ctgaaagcct	tcctgtcaca	taccattcca	480
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ctggatgtgg	tctcccacat	tatgctgaag	gtgacgggct	acgtgatgta	cgttgccgcg	660
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attccgagct	ttaacattcc	ggtggccggg	atcctgctgc	tgatggggat	tgatcatttc	1200
ctggatatgg	gacgggtccgc	cattaacgtg	ctggggaaacg	ggattgcgac	agcgatgctg	1260
tcgcagaatg	aaggggcgcg	ggaagcggag	gcagagctgg	tggagcagga	ggcgtaa	1317

&lt;210&gt; 3072

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3072

aaggagtgtg	tgatgagtta	ctcccatctt	cttgtttctg	ttgcggtttc	cccagaaagt	60
catcaactcg	tcgcccgtgc	cgtttccatt	gcccgcgccg	acaacgcccg	cataagtctg	120
atcaccctgg	cagctgaacc	cgaaatgtat	aaccaactgg	cagcgccat	gctggaagat	180
attcgtgagg	ttcttcagga	agaaaacgag	caatttctgc	gcgagctggt	tgagcgggca	240
aactatcctg	tccatcagac	ggtgattgcc	accggggaat	taagtgaaca	tattctcgac	300
atttgctcga	aacagaatat	tgattttggtc	atttgcgga	atcataacca	gagctttttt	360
tcccgggcgg	catgctcggc	aaaatccatc	gtttcgtcaa	gccagggtga	tgtcctgctg	420
gtgcctctcg	ggggcaatta	a				441

&lt;210&gt; 3073

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3073

ggacgcatga	aaaaccagtc	ccatccgatc	gtcatcgtaa	aaaagcgcaa	gcataaggcg	60
cacgggcacg	gttctcacgg	ctcctggaag	atcgcgtagc	ccgactttat	gaccgccatg	120
atggcgttct	tcctggtgat	gtggctgatc	tccatctcca	gcccgaagaa	gcttatccag	180
attgcggaat	atttcaggac	gccgctggcg	acggcgggtc	ccggcggggc	gcgcatttcg	240
aacagcgaca	gcccgatccc	cggcggcggt	gacgattaca	cccagcagca	gggcgaagtg	300
aaaaaacagc	ctaacatcga	cgagctgaaa	aaacggatgg	agcaggcgcg	cctgaaaaaa	360
ctgcgcgggtg	acctggatca	gctgattgaa	gcggacccca	agctgcgtgc	gctgcgtccg	420
catctgaaaa	ttgacctggt	acaggaaggg	ctgcgtatct	agatcatcga	cagccagaac	480
cggccgatgt	ttaaaaccgg	cagcgccgat	gtcagaccct	acatgcgcga	tattctgcgt	540
gcgattgcac	cggtactgaa	cggtattcct	aaccgcatta	gcctgtccgg	acacacggat	600
gatttcccgt	acgccacggg	agagaaagga	tacagcaact	gggagctttc	tgccgatcgc	660
gccaacgcct	cgcgtcgcga	gctgggtggc	ggtgggcttg	atgatggcaa	ggtcctgctg	720
gtggtcggca	tggttgcaac	catgcgcctt	accgaccgcg	gaccggatga	cgccatcaac	780
cgtcgtatca	gtcttttagt	gctgaaccag	caggcggagc	aggccatcct	gcataaaaac	840
gccgaaagtc	agaatgagtc	actggacgat	ttaaaacagc	ctggggcgct	cccttcgggt	900
gccgttccaa	catcgccacc	agccaatccg	aggtga			936

&lt;210&gt; 3074

&lt;211&gt; 792

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3074

ccttgatcatg	gtaggaaagg	gagaacatcg	atgaagccat	ttttcaggcg	atcaggcctg	60
gtgggtctgt	tgggggcaac	ggctctggca	gcggggccagg	cgcaggcagc	ggcaaccatt	120
cttttgtggc	ccatcgatcc	gtggctttcg	gcagaggcca	gagcaactga	attgtggatc	180
cagaatcagg	gcaacagcgc	cacgacaatg	cagatacgca	ttgtgcgctg	gaaacaggag	240
ggcggatatg	agcgttacac	cgcccagcag	gatgtggtcg	ccagcccgcc	gatcgtgact	300
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ggtgagcagg	cctaccgcat	tattgtggat	gaaattcccc	agccggatgc	caaagcggaa	420
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tatcagccga	accggatgag	cgcgcaaatt	aatgccaggg	atacgcaatg	gcaatcgacg	780
cccgtcaact	ga					792

&lt;210&gt; 3075

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3075

ccaggtaagc	cagcagatgc	tggcgaaaat	cagtgcggga	caggcaatac	gtatttgact	60
caggagtatt	attttatggc	ggataaagag	cttaagtttt	tgggtgtgga	tgacttttcc	120
accatgcgtc	gcattgtgct	caacctgctg	aaagagctgg	gcttcaacaa	tggtgaagaa	180
gcagaagacg	gggtggatgc	gctgaacaag	ctccaggctg	gcgggtttgg	ttttgtgatt	240
tccgactgga	acatgccgaa	catggacggt	ctcgaactgc	tgaaaacctc	ccgcgcggat	300
gcaggcatgg	cctctctgcc	ggtgctgatg	gtgaccgcag	aagcgaagaa	agagaacatt	360
attgccgctg	cacaggcggg	cgcaagcggc	tacgtggtga	agccattcac	cgcggcgact	420
ctggaagaga	agctcgggaa	gatcttcgag	aaactcggca	tgtga		465

&lt;210&gt; 3076

&lt;211&gt; 1431

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3076

aaagctattg	gtcacttact	cgctcgtctct	aatcgcatcg	caccgcccga	tgataaaaaa	60
gccagtgccg	gtggcctggc	ggctcggggta	ttaggtgcc	tcaaagccgc	gggggggtctc	120
tggtttggct	ggagcgggga	aatcagtaat	gaagagaaac	cgctaaaaaa	ggtgtcacgg	180
ggcaatatca	cgtgggcctc	cttcgccctt	agcgagaagg	actatgatga	atattattcc	240
gagttctcaa	acgcgctgct	gtggccagcg	tttcaactatc	gtctggatct	ggtgaaattc	300
cagcgtgaat	cctatgaagg	ctacatgcgc	gtcaacgcgc	tgctggcaga	taaactactg	360
ccgctgatcg	aagaagacga	tatcttatgg	atccacgatt	atcatctgct	gcccttcgcc	420
agggagttag	ggaaacgggg	tgtgaataac	cgaatcggtt	tcttcttgca	tataccgttc	480
ccgaccccg	agatctttac	ggcgtgccc	cagcacgagg	agatcctgga	ggcgtgtca	540
gattacgacc	tgctcggttt	ccagacggaa	aatgacaggc	tggccttcct	cgacagcgtg	600
tcgggcaaaa	cccggctggg	cactcacggc	ggtaaatctc	ataccgcgtg	gggacgaaat	660
ttccataccg	aagtctaccc	gatcgggtatt	gagccagacg	aaattgccga	gcaggcctcc	720
ggtccgctgc	cgccgaagct	tgcccagctc	aaggacgaac	tcaagcacgt	taagaatatc	780
ttttcggttg	aacgactgga	ttattccaaa	gggttgccgg	agcgattcct	cgcctatgaa	840
accctgctgg	ataaattccc	gcagcatcat	ggcaagatcc	gctacacca	gatagcgccg	900
acctcgcgcg	gtgaggttca	ggcctaccag	gatattcgtc	accagcttga	gaccgaagca	960
gggcgcacat	acgggcgcta	tggccagctc	ggctggactc	cacttttcta	tctgaatcag	1020
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ccgctgcgcg	acgggatgaa	tctgggtgca	aaagagtatg	tcgcagcaca	agatcctgct	1140
gacccggggc	tgetggtgct	gtcccaattt	gccggtgcgg	caaacgagtt	aacctcagcg	1200
ctggttgtga	acccttacga	tcgcgatgac	gtggcaaatg	ccctgaatcg	cgcgtaacc	1260

atgccgcttg	cggaacgcat	ttcacgtcat	tcggaatga	tggagaccat	cgtcaagaat	1320
gatatcaacc	gctggcaggc	gcgttttatt	gacgatttac	gcgcgatcca	gccgcaaagt	1380
caggaagggtg	atctgcaaaa	aaagatcgcg	accttcccta	aactcgctg	a	1431

&lt;210&gt; 3077

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3077

cgtagcccgg	aagaaaagg	cttaacaatg	agcgaaaaaa	gcattgttca	ggaagcccgt	60
gatatccagc	tggcaatgga	actcatcacg	ctgggcgcgc	gtttacaaat	gctggaaagc	120
gagacgcagt	tgagccgtgg	tcgtctgata	aagctgtaca	aagaactgcg	tggtagcccg	180
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ggacctctgc	tggcgtgac	ccgcgcctgg	acgctggtgc	gttttgttga	aagcggcatg	420
cttgaattgt	cgcgctgcaa	ctgctgtgac	ggcaatttta	ttaccacgc	gcatcagcct	480
gcgggcagct	tcgcctgtag	tttgtgccag	cctccatccc	gagccgtaaa	aagacgtaaa	540
ctttcccggg	atgctgccga	tattattcca	caactgctgg	atgaacagat	cgaacacgct	600
gtttaa						606

&lt;210&gt; 3078

&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3078

cggaaggatg	atgtcgtgct	tatcttatta	ggttacctgg	tagttctcgg	tacagttttc	60
ggcgggttaca	tgatgaccgg	cgggcacctt	ggagcactct	atcaaccggc	tgaacttgtc	120
atcatcggcg	gtgcaggggg	aggggctttt	atcgttggta	acaacggtaa	atcgatcaag	180
ggcacgctga	aggcgattcc	gctgctgttt	cgtcgctcga	aatacaccaa	aagcatgtat	240
atggatctgc	tggcgtgctg	ctatcgcttg	atggcgaagt	cacgtcagca	ggggatgttc	300
tcgctggagc	gggacatcga	aaaccggaaa	gagagcgaaa	ttttcgccag	ctaccgcgct	360
attctggccg	acgcgatgat	gctcgatttt	atcgctgatt	acctgcgcct	gatcatcagc	420
ggcaacatga	acaccttcga	aattgaagcc	ctgatggacg	aagagattga	aacctatgag	480
agcgaatccg	aagtgcgggc	caacagcctg	gcgctggtgg	gcgactcgct	tccggcggtt	540
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atcgccgtcg	aatttggtcg	taagacgctc	tactccagcg	aacgtccgtc	gtttatcgaa	840
ctggaagagc	acgtgcgcgc	ggtgaaaaac	cccaaccaac	agacgacaac	tgaggacgca	900
tga						903

&lt;210&gt; 3079

&lt;211&gt; 2076

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3079

aacagcctgg	ggccgtccct	tcggctgccc	ttccaacatc	gccaccagcc	aatccgaggt	60
gatagcgtga	gcatggatat	taccgatttt	taccagacat	tttttgatga	agccgacgaa	120
ttgttgcccg	atatggagca	acatttgctg	gatctggtgc	ccgaggcgcc	ggactcagaa	180
cagctcaatg	ccatcttccg	tgccggcgcg	tccattaaag	gcggagcccg	aacgtttgga	240
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ggtgagatgc	agctcaatac	cgacattatc	aacctgtttt	tggaaacgaa	agatattatg	360
caggaacagc	tcgacgccta	taaaagttcg	cgagagcctg	atgccgccag	ctttgaatac	420
atctgcaacg	cgctgcgtca	gttagcgtcg	gaagccaaag	gtgaggcgct	tgccccgcct	480
gtccctgcgg	caaaactgag	cgttgttgac	gccgtggccg	aaccgcctac	ggcgccgtgac	540
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ctggaagagg	agctggggaa	cctggcgacg	ctcagcaacg	tggatgaagg	caaagacagc	660
ctggccgcga	cgcttgacgg	cgggatcggt	caggatgaca	tcgtggcagt	gctctgcttc	720
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&lt;210&gt; 3080

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3080

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&lt;210&gt; 3081

&lt;211&gt; 1635

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3081

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&lt;210&gt; 3082

&lt;211&gt; 1059

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3082

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&lt;210&gt; 3083

&lt;211&gt; 720

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3083

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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3084  
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 gattttttga acgagaagga cactgatggc taa 1173

<210> 3085  
 <211> 432  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3085  
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 cccgtgtccg ggcagatgac gctggtggcc tggaaattaca ccctgacggg acccacacca 240  
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 aactaccgct aa 432

<210> 3086  
 <211> 1599  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3086  
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 tggctgggca agcgttttgg ccgtcgtaag ttcttcatcc tgctcgggat tccctgcgtt 300  
 ttcagctact cgctgatgtg ggtaggggac atgagtttct ggtactacct gctgacctat 360  
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&lt;210&gt; 3087

&lt;211&gt; 564

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3087

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&lt;210&gt; 3088

&lt;211&gt; 765

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3088

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&lt;210&gt; 3089

&lt;211&gt; 462

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3089

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&lt;210&gt; 3090

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3090

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&lt;210&gt; 3091

&lt;211&gt; 609

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3091

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tcattggtag						609

&lt;210&gt; 3092

&lt;211&gt; 2400

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3092

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&lt;210&gt; 3093

&lt;211&gt; 1773

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3093

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accggacaag atgaaaactg ggaacattt tga

1773

&lt;210&gt; 3094

&lt;211&gt; 876

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3094

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&lt;210&gt; 3095

&lt;211&gt; 2094

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3095

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&lt;210&gt; 3096

&lt;211&gt; 1167

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3096

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gggcgcgtga	tgcacaccaa	aggctggggc	ggatgggaat	ggacccacgg	cgtcggttta	240
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acggagtatt	tgcggaagta	tttctga				1167

&lt;210&gt; 3097

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3097

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gagacaaaag	atthagacat	tggagatctc	caggttgctc	aaaaagttgt	aatggaaaaa	120
atcacacaat	ctgtggaaag	tgtttgtgaa	aaaacttatt	ccacaaaatg	ggaacaagt	180
gatcttatta	cttttgataa	caaagataag	tatgcaagaa	tcagtaaaaa	caatactggt	240
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ttcataaaag	aaacattaaa	agtatcagaa	taa			333

&lt;210&gt; 3098

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3098

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gccgttctgg	gcaatggtga	aatcgttgaa	aacttcaact	tcaaacagca	taccaacggt	120
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gagaacgtat ccagcctgta a

621

&lt;210&gt; 3099

&lt;211&gt; 3147

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3099

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&lt;210&gt; 3100

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3100

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&lt;210&gt; 3101

&lt;211&gt; 822

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3101

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&lt;210&gt; 3102

&lt;211&gt; 900

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3102

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&lt;210&gt; 3103

&lt;211&gt; 1323

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3103

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&lt;210&gt; 3104

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3104

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&lt;210&gt; 3105

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3105

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&lt;210&gt; 3106

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3106

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cctgagaagt	cctga					195

&lt;210&gt; 3107

&lt;211&gt; 1107

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3107

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&lt;210&gt; 3108

&lt;211&gt; 717

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3108

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<210> 3110  
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 <212> DNA  
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<210> 3111  
 <211> 1455



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3111

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&lt;210&gt; 3112

&lt;211&gt; 1845

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3112

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&lt;210&gt; 3113

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3113

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&lt;210&gt; 3114

&lt;211&gt; 1107

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3114

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&lt;210&gt; 3115

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3115

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<210> 3116  
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 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3119

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3119

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&lt;210&gt; 3120

&lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3120

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&lt;210&gt; 3121

&lt;211&gt; 1026

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3121

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<210> 3122

<211> 744

<212> DNA

<213> Enterobacter cloacae

<400> 3122

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<210> 3123

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 3123

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<210> 3124

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 3124

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<210> 3125

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 3125

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&lt;210&gt; 3126

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3126

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&lt;210&gt; 3127

&lt;211&gt; 1197

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3127

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&lt;210&gt; 3128

&lt;211&gt; 1419

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3128

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&lt;210&gt; 3129

&lt;211&gt; 1164

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3129

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1164

&lt;210&gt; 3130

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3130

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&lt;210&gt; 3131

&lt;211&gt; 2670

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3131

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&lt;210&gt; 3132

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3132

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&lt;210&gt; 3133

&lt;211&gt; 1179

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3133

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&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3134

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&lt;211&gt; 1116

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3135

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&lt;210&gt; 3136

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3136

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&lt;210&gt; 3137

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3137

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 <212> DNA  
 <213> Enterobacter cloacae

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339

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<213> Enterobacter cloacae

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<210> 3141

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 3141

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gttaacattg	agacgcaggg	agcgtctggg	gttgagtgcg	agcttacgga	agacgacata	240
cggcgagccg	atgtcgtatt	gctcattacc	gatatcgaac	tggcgggcag	cgaacgtttc	300
gagcatgcgc	gctacgtgaa	gtgcggtatt	agcgcctttt	tacgcgaccc	acaaaagggtg	360

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<210> 3142

<211> 1014

<212> DNA

<213> Enterobacter cloacae

<400> 3142

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<210> 3143

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 3143

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cacgcggagc	aactcccggc	gctgtttaac	ggtacgccga	ttggtacgcg	tattctggct	780
ttaa						783

<210> 3144

<211> 1419

<212> DNA

<213> Enterobacter cloacae

<400> 3144

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&lt;210&gt; 3145

&lt;211&gt; 807

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3145

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&lt;210&gt; 3146

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3146

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tacagaaggg	ttttgtag					378

&lt;210&gt; 3147

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3147

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&lt;210&gt; 3148

&lt;211&gt; 894

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3148

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&lt;210&gt; 3149

&lt;211&gt; 2202

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3149

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&lt;210&gt; 3150

&lt;211&gt; 1131

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3150

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&lt;210&gt; 3151

&lt;211&gt; 987

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3151

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ggtttcaatg	ttaccgtggg	aggctga				987

&lt;210&gt; 3152

&lt;211&gt; 1890

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3152

ggcctgcggc	atcctttctta	tattgtggat	gctttaacaa	tgattaaaaa	agtatcgctg	60
ttgacggtgt	tttccgtcac	ggcatttttcg	ggctggggcgc	aggaaagcgc	cgactcgttg	120
gtggtgacag	caaaccggtt	cgaacaacca	gcaaaaaccg	ttctggctcc	gacctccgtc	180
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ctgccgggtg	tggacatcgc	acaaagcggc	gggatggggg	cgacctcttc	aacgtttatt	300
cgcggtacgg	aatcccgcca	tgttctggta	ctgattgatg	gtatccctct	gaataatgcc	360
gggatcagca	acgttcccg	tttaagccaa	attccgacgt	cgctgattca	gcgtattgag	420
tacattcgcg	gccccagttc	ggcgtgtgat	ggctccgacg	cgattggcgg	tgtgattaac	480
atcattaccg	ggcgcgacaa	gccgggtgcg	gaaattttctg	cgggtgtcgg	ttcaaagggg	540
tatcaaaact	ataacggtgc	cttccagcag	gtgttcgata	aaaccaaact	caccatggcc	600
ggtgattata	cctatacccg	tggttttgat	attgccgcaa	aagatgcccc	gcgccagcca	660
gaccgcgatg	gttttatgag	taaactcgctg	tttggctcgg	tggagcagca	gtttaccgac	720
agcgtcagcg	gattcgctcg	tggctttggc	tacgataacc	gctccgcgta	tgacggttac	780
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tatggccgta	gcaaagatca	gaactatgat	ccgaaaaaag	gccgctacgc	tgactccgca	960
accatggatg	acgtgaagca	gtacaccacc	cagtggctga	atacggttga	agtggggcac	1020
ggcaatatcg	gcgcgggtct	ggactggcag	aagcagaaaa	cccaggcggg	tacgggctat	1080
ctggaaaaag	gttacgaaca	acgtaatacc	ggcgtgttcc	tttcggcgat	gcagcagttc	1140
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tacggcacag	cgtataaagc	gccgaccatg	agccagatcc	acagtaagga	ttacggcaat	1320
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ccggtaaaact	ggcgtgtgac	gggctatcgt	aatgatatacg	ataacctcat	taatagcgac	1440
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gactggcagg	tgtgggatct	cgactggaat	ctggcgtaac	gttatctggg	cactcgctat	1680
gacgttgccg	ttgatccgaa	tacctatgca	acagaacgcg	tgaaaatggg	cggcgtcagc	1740
ctgtgggacg	tcgcggtttc	atatcccgtc	acctctcacc	tcacagttcg	tggtaaaata	1800
gccaaactgt	tcgataaaga	ttacgagaca	gtttatggct	accaaactgc	aggacgggaa	1860
tacaccttgt	ctggcagcta	caccttctga				1890

&lt;210&gt; 3153

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3153

cggcaaatat	ttctctcgcg	ggtcaacctc	atgacgacac	aacgacttca	acgtgactgg	60
cgtctcccaa	ctgccgggct	cgccgtgctg	gtgttactta	tggcagggtt	tgcactgcat	120
gagcactgga	atgcttttat	tcagtgggtc	ctcgccaccc	agatcaccc	gcaccgttat	180
ctggtgatgt	atttgctgca	acttaataat	catcagtaca	ggggtgggct	gtggttggtta	240
accggtgcgt	ttctttatgg	tgtactccat	gccgttggac	cgggacacgg	caaattcatc	300
gtcaccacgt	atctcaccac	caataaagag	agccagctcg	cggcgcgcg	cgtaccgttt	360
atcggtagcc	tgatgcaggg	cgtcagcgca	atcgcccttg	tctttatcct	ggcggttgga	420
ttgaacctcg	cgtcagggga	tatcagcacc	agccgttggt	acgtcgagaa	aatcagcgcc	480
ctactgattg	ccgccttcgg	tgcatttacc	atttatcagg	cgctcagcag	cctgcgtccg	540
cgcaaaatgg	cgattagcgc	catcaagcgc	cttcaccagg	ataatgaaca	ttgtggctgc	600
ggccatcacg	gcgtaggggt	ggatctggct	aaaagcgact	ggaaaaccgg	tctgggctg	660
gtgctggcca	taggcgcacg	cccgtgcagc	ggggcaatta	tgatcctgat	gttctcgaat	720
gcgctcggca	ttattagctg	ggggattgct	gctgtgatga	caatgtcgct	gggcacggcg	780

ctgtcgatta	tggggctgtc	gctggcagta	cgttacgcac	gtgaacgcac	agtagcctgg	840
tttggtagcg	gcacgtccct	gaactggata	atgccgatgg	tcaaaattgc	cggagggggt	900
gttctgatac	tgttcgcgac	ggctctgttc	ctgacggtga	tccccgtcag	cgctggcggc	960
gactacatcg	ccgcaggatg	ctaa				984

&lt;210&gt; 3154

&lt;211&gt; 1002

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3154

gggttaatga	tgaacattaa	agcaactata	gaacgcattcc	cgggcgggat	gatgctggtc	60
ccgctggtag	ttggcgcgat	attaaatacg	ctggccccga	ataccgggtgc	ttatttttggc	120
ggttttacaa	aaggtagatg	caccggaacg	gtaccgattc	tggcagtcctg	gttctttttgc	180
atcggcgcac	ctattaactt	gcgtgcaaca	ggtacggtat	tacgtaaatc	agggacgttg	240
gtcattacta	aaattgcggt	cgcttgggtt	gttgccatga	tctgtgcgat	gttcattccg	300
gagaatggaa	ttcagactgg	cttcttcgcc	ggattatccg	ttctggccat	tgtctcagca	360
atggatatga	ccaacggcgg	tctctatgcc	agcctgatga	atcaatatgg	caccaaagaa	420
gaatcgggcg	cgttcgtgct	gatgtccctg	gagtcgggtc	cactgatgac	gatgttgatt	480
ctgggttctg	ctggccttgc	ctcctttgaa	ctacaccatt	ttgtcggggc	gaccttgcgc	540
ttcctgattg	gtttttgcgt	gggtaacctc	gatcacgac	tgcgcgattt	cttcagcaaa	600
gccaccccg	tactgatccc	gttcttcggc	ttcgcgttgg	gcaataccat	caacctgaac	660
gtaattcttg	aaacggcct	gctgggtatt	gtgctgggtg	ttgccgtcat	cgatcatcacg	720
ggtattccgc	tgattattgc	agaccgcgtc	atcgggggcg	gcaacggaac	cgcggtgtg	780
gccgcctctt	cgccgcgagg	cgctgcggtg	gccaaccccg	tgattatcgc	ccagattaac	840
ccggcctttg	aaccgcgtagc	cgcttcgcgc	acggctctgg	ttgccgccag	cgatgattgtg	900
acggcaattc	tggtccctat	catcacggca	ctgtacgcca	gacgctttgg	gcatgtgcct	960
gagtcccga	cagaacatga	agcggtagaa	atgcaccact	aa		1002

&lt;210&gt; 3155

&lt;211&gt; 531

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3155

gttcgtgaaa	aagaactgat	tgtcccgcgc	ggtgacgctt	cgcttaccgg	gcgttcggga	60
actacactta	acgggctttt	cttacgtgag	gtaaagatta	tgcggttaag	tccctacatc	120
tctttcgcgc	gcaactgtgc	ggaggcgacg	gccttctatc	agcaggccgt	cggcgcagaa	180
ctcctctaca	aaatcacctt	cggcgaaatg	cccaaagacg	aaaacagcga	agaaggctgt	240
ccgtcaggca	tgaacttccc	ggataccgcg	atcgcccact	ctaagtcccg	cattgcccggc	300
agcगतatca	tgatgagcga	tggtctgccca	cccggtagca	gcacgcagta	cgccggattt	360
acgctggtgc	tcgacacgca	ggacgtggat	gaaggcaaac	gctggttcga	caacctctct	420
gatggcgga	atgtcgaaat	ggcctggcag	gagactttct	gggcgcacgg	attcgggaaa	480
gtcaccgata	aatacggcgt	gccgtggatg	attaacgtcg	ttaaatcgta	g	531

&lt;210&gt; 3156

&lt;211&gt; 1029

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3156

cgagggaatgg	aaatgagcta	taaaacgggt	gccgcgctgg	ccttcaccag	catgttcagc	60
atcagcaccc	tggttaagccc	ggcccacgcc	gaggagcagg	aaaaagcact	gaactttggc	120
atcatttcga	cagaatcaca	gcaaaacctg	aaaccccagt	gggaaccgtt	cctgaaagat	180
atggaaacca	aactggggat	caaagtgaac	gcgttcttcg	ccccggatta	cgccggcatc	240
attcagggaa	tgcgcttcaa	caaagtgcac	atcgccctgt	atggcaacct	ctctgctatg	300
gaagcggtag	atcgcgcgaa	cggccagggt	ttcgcccaga	cggttgcggc	agacggctct	360
ccgggctact	ggagcgtgct	gatcggtaac	aaagacagcc	cgatcaacaa	cctcaacgac	420
atgctcgcca	aacgcaaaga	gctgaccttt	ggtaacggcg	acccgaactc	tacctccggc	480
ttcctcgtcc	ctggctacta	cgtcttcgcg	aaaaacaacg	tctccgccag	cgactttaag	540
cgcacggtta	acgccagcca	cgaaaccaat	gccctggccg	tggcgaataa	gcaggttgac	600

gttgctacca	acaacactga	aaacctcgac	aagctgaaga	cctccgcgcc	ggacaagctg	660
aaggaaatca	aggttatctg	gaaatcaccg	ctgatcccgg	gcgacccgat	cgtgtggcgc	720
aaaaacctct	ccgagaacac	caaggacaag	gtctacgact	tctttatgaa	ctacggcaaa	780
acgccggaag	agaaagcggt	tctggcacgt	ctgggctggg	caccgttccg	cgctgccagc	840
gatttgcaac	tgggtgccgat	tcgccagctg	gcgctgttca	agcagatgca	ggcgctgaag	900
gacaacaaag	gcctgaagga	cgaagagaag	accagcaaag	tgtcggaaat	tcaggcgcag	960
ctggacgatc	tcgaccgcct	gaccgccgcg	ctcggcgcca	tgaccagcgt	gaataaagcg	1020
gtgcagtaa						1029

&lt;210&gt; 3157

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3157

ccgcgccgca	cgccttgccg	cgcgctcaggc	cgaagtaa	accagccggg	tcgacttctt	60
tacgctcggt	cgcgagaca	acgcatgacg	cttcaacctg	cttttaccct	ggcgtccag	120
gatgcccaac	agagtttccg	tcgactgctg	aaagccatga	gcgagccggg	cgctattgtc	180
tcgctgcacc	agctctccca	gggctggctg	ccgctgaacc	tcgcctctac	cagcgtgctg	240
ctgacgctgg	cggacaacga	caccccggtg	tggctgtcag	gggcattgct	gaacgatatc	300
gccagccaga	acctgcgctt	tcacaccaac	gcgcgcgtgg	tcgagcagcc	ccagcaggcg	360
gtcttcgccc	tggcgacgca	gcaaatacag	catgaacaac	ttaatgccct	gagcgaaggc	420
agcgccgtcg	caccggaac	cagcgctacg	ctgattttgc	aggtctccag	cctgagcggg	480
ggccgcgatg	tgcgcctgac	gggggcaggg	atcgccgacg	agcggatggg	cgccccccag	540
ctgccggagt	gcattcattca	tgagctgacc	gagcgccgcg	atccgttccc	gctcgggtatc	600
gacctgatcc	tgacctgcgg	cgagcgcctg	ctggcgatcc	cgagaaccac	tcacgtggag	660
gtgtgctga						669

&lt;210&gt; 3158

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3158

aacgcctgca	acgggagcgc	gccaatggct	aacttaagcg	gctacaactt	tgcctatctg	60
gacgagcaaa	ctaaacgcat	gatccgccc	gccatcccta	aggctgtggc	gatccccggc	120
taccagggtgc	cgttcggcgg	ccgcgaaatg	ccgatgccct	acggctgggg	caccggcggg	180
attcagatca	ccgccagcgt	gatcggcgaa	gcggacgtgc	tgaaggatcat	cgaccagggg	240
gcagacgaca	ccaccaacgc	cgtgtcgcac	cgcaacttct	ttaagcgcgt	aacgggcggt	300
aacaccactg	aaaaaacgca	agacgcgacg	ctgatccaga	cccgtaaccg	cattccggag	360
accccgctga	ctgaagatca	gatttttgatt	ttccagggtgc	cgatcccggg	gccactgcgt	420
tttatcgagc	cgcgggaaac	cgaaacccgc	accatgcacg	ccctggaaga	gtacgggatc	480
atgcagggtca	aactgtatga	ggacatcgcc	cgcttcggcc	atatcgccac	cacctacgcc	540
tatccgggtga	aggtgaacgg	ccgctacgtg	atggaccctg	cgccgatccc	gaaattcgat	600
aaccggaaga	tggacatgat	gcccgccttg	caactttttg	gtgccggacg	gaaaaaacgc	660
atctacgccg	taccgcgcgt	caccgcgtgtg	gagagcctgg	atcttgacga	tcaccggttt	720
acgggtgcagg	agtgggacga	gccgtgcgcc	atctgcgggt	cgaagcatag	ctatctggat	780
gaagtgggtgc	tggacgacac	gggcaaacgg	atgtttgtct	gctccgacac	cgattactgc	840
cgccaacaga	gcgaggcgaa	cagccaatga				870

&lt;210&gt; 3159

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3159

gattgccgaa	ggcaaacggg	cagacctggg	gctggcgcac	cgcaagggcg	agcacgttca	60
tatcgaccac	gtctggcgtc	agggaaaaag	ggtgttctga	tgggaagact	catctgggta	120
atgggcccgt	ccggtccggg	gaaggacagc	ctgctgtcgg	cgttacggca	gcgggaacat	180
tcacagctgc	tggtagcgca	ccgctacatt	acccgcgcgg	caaacgccgg	gagtgaacac	240
catatcgccc	tgagcgagca	ggagtttttt	acccgcaccg	ggcaaacctt	gctggcgctg	300

agctggcatg	ccaacgggta	ctactatggc	gtcggcatcg	agatcgacct	ctggctgcac	360
gcgggctttg	acgtgctggg	caacggctcg	cgggcgcac	tccgcaggc	tcgcgcccg	420
tacgaagcgg	cgctgctccc	ggctctgttg	caggtttccc	cggacgttct	gcgtagccgg	480
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cgttacaccc	cgtcgggttg	ccatctcctc	aataacgacg	gaagtttgct	acagtcagtc	600
gagacctttc	tatcccttat	ccgccagaag	gagaaacagc	atgcctga		648

&lt;210&gt; 3160

&lt;211&gt; 1080

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3160

actgcacggg	cgcgacatct	ctcaggaaaa	catcatgacg	ctggcaaccg	gcgtgaacga	60
cacacatcat	caggcggtgt	aattatgaca	actccaaccc	atccgcagca	ggtggcgaaa	120
tccgcctctg	ccaaaaaaat	gctgatgagc	gatctgatgc	aaacgatcgg	catttttgccg	180
attttaatcc	tgattgtggc	ggtatttggt	tttatcgctc	cgaacttttt	cacagaaagt	240
aacctgctca	atattacccg	gcaggcgctc	atcaacattg	ttctggcggc	cgggatgacc	300
ttcatcatcc	tgaccggcgg	gattgacctc	tccgtgggct	cgattctggg	caccacggcg	360
gtggcggcga	tggtggtctc	gcttatccct	gaatttgcca	tgctctccat	tccggcggcg	420
ctaagtctcg	gtatggtact	ggggctgttc	aacggcgcg	tggtggcctt	cgccggactt	480
ccgccattta	tcgtcacgct	cggcacctac	acggcgctgc	gcggcgcggc	ctacctgctg	540
gcggacggca	cgacggtcat	taactccaac	atcaacttcg	agtggatcgg	caataactac	600
ctcgggccga	tcccctggct	ggttggtgat	gccctggcgg	tgattgtggg	gtgctggttt	660
attctgcgtc	gcacaaccct	cggcggtcac	atctatgcgg	tcggcgccaa	tatgcaggcg	720
gcgcgcttaa	cgggcattaa	ggtctggctg	gtgctgctgt	ttgtatacgg	catgagcggc	780
ctgctctccg	gtctcggcgg	cgatcatgag	gcttcacgtc	tctacagcgc	caacggcaac	840
ctcggcacgg	ggatgagct	ggatgcaatt	gcggcggtga	tcctcggcgg	caccagcttc	900
gtcggcgggg	tcggcacgat	caccggcacg	ctggtcgggt	ccttgatcat	cgccaccctc	960
aacaacggca	tgacgctgat	gggcgtctcc	tacttctggc	agctggtgat	caaaggggcg	1020
gtgatcatca	ttgcggtgct	gatcgacaaa	taccgtaccc	gacaccatca	aagtgcataa	1080

&lt;210&gt; 3161

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3161

atgatgcat	tgattttctc	tgccgatggg	ctggcccacg	ccagggaaca	ccgctacgcc	60
ctgggcgcgt	tcaacgtgct	cgactcccac	ttcctgcgcg	cgctggttgc	cgccgcgaaa	120
caggaacgct	cgccgttcat	catcaacatc	gccgaagtgc	attttaagta	cgtgtctctg	180
gagtcgcttg	tccaagcagt	gaagttcgaa	gccgcccgct	acgatattcc	cgtggtgctt	240
aacctcgacc	acgggctgca	ttttgaggcc	gtcgtgcgcg	ccctgcgctt	aggggtcagc	300
tcggtgatgt	tcgacggctc	gacgctgagc	tatgaggaaa	atatccgcca	gacgcgggaa	360
gtggtgaaga	tgtgccatgc	ggtgggcgtc	tcggtagagg	cggagctggg	cgcggtcggg	420
ggtgatgaag	ggggtgcgct	ttacgggcat	gcggatgaag	ccttcttcac	cgatccgcag	480
ctggcgcgcg	agttttgtcg	tttaaccggt	atcgacgcgc	tgggcggtcg	cattggcaac	540
gcgcacggca	aatacaaggg	cgagccgaag	cttgatttcc	cgcgtctgga	cgccattcga	600
cagcagacgg	gcctgcgcgt	ggttttacac	ggcggtctct	gcataagcga	tactgatttc	660
cgccgcgcca	tcgagctggg	cattcataaa	atcaactttt	ataccggcat	gtcgcaggcc	720
gcgctcgccg	cgcttgagca	gcgcattgca	aaccgccagc	cgctgtacga	tgagtttgcc	780
gaactgctgc	tgggcattga	agaggccatt	accgatacgg	ttgcggaaca	gatgcgcac	840
ttcggcagcg	cggggcaggc	ataa				864

&lt;210&gt; 3162

&lt;211&gt; 492

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3162

gaatccatga	aaatcctttt	tctgatgttg	ttatttttaa	ccgcggttgc	ccatgccgat	60
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gagataggca	gccagtataa	aaagcaggct	gaagcgggcg	atgcgcgcgc	gcagtattat	120
ctcgccgata	cctggttcag	ttccggcgac	agcgcgccag	cggcgctgtg	ggcggaaaaa	180
gcggcaaaag	gcggtgatgt	cgacgccatg	gcgctgctgt	cgcaaatacca	cttttcgcag	240
ggtgactatg	cgcaggctaa	agccctggcc	caacaggcaa	acattgcggg	cagcaaacgc	300
ggcgcgatca	tgctggcgcg	tgtgctggtg	aacacgcagg	cgggcaaaac	cgactaccgc	360
caggccatcg	cattgctgca	atcggcgacc	gaagacatcg	atagcgactc	ggcggtagac	420
gcgcaacagc	tgttggggct	gatttatgcc	aacggcggtg	aagttcctca	ggatgacgtg	480
caggccgcat	ag					492

&lt;210&gt; 3163

&lt;211&gt; 189

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3163

tggttcaagc	ggagttcggc	tctgtcccgg	acgggctatg	cggagtactg	ggcaggaatg	60
ctgttcaggc	aggggtgaaa	aggctttatc	acaccgaata	agcagaaagc	gctttactgg	120
ttaaacctga	gctgtaccga	agggtttgat	accgggtgtg	aagagtttga	tgcgttgagc	180
ggggagtaa						189

&lt;210&gt; 3164

&lt;211&gt; 492

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3164

cagttcgtgt	catcgcttgc	gcattttatgc	gctatttttta	taaaacaata	tcaccgacaa	60
aagtggggat	ttgcgttata	ctcgctgcct	ttttcggcac	actgccgtca	tttagctggc	120
gttttccagc	gtggttaaac	ttttgaggat	accacatgc	aacttccaca	ctgcccga	180
tgcaattctg	aatacaccta	tgaagacaat	ggcatgttcg	tttgcccga	atgcgcccat	240
gaatggaacg	atgcggagcc	tgcgcaggac	agcgatgcgc	tgatcgtgaa	agacgcgaat	300
ggcaacctgc	tggcgaacgg	cgacagcggt	accgttgtga	aagatcttaa	ggtaaaaggc	360
agctcctcca	tgctgaagat	cggcactaaa	gttaaaaaata	tccgtctggt	tgaaggcgat	420
cataatatcg	actgcaaaat	tgacgggttc	ggtccgatga	aactgaaatc	tgagtctgtg	480
aaaaagaact	ga					492

&lt;210&gt; 3165

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3165

gcatttcac	tgagaagcga	ggctttgatt	ggtatgcact	tatccagaca	tccgaccagt	60
tacccaccc	gctggcaaga	gattgcggca	aagctcgaag	tggagctgcg	cacgcactat	120
cgtgcggag	actacctgcc	tgccgagcag	cagcttgccg	accgctacga	agtgaatcgt	180
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ggcgtcggcg	tgctggtgct	gatgcgtccg	tttgactacc	cgcttaatgc	ccaggcgctg	300
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ctgcgcccg	cctcccgcga	cgtggcgagc	gcgctgggga	ttcaggaggg	cgacaacgtc	420
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gtgcgcaccc	tcaaccaccg	tgacggcgac	gtcaacgcaa	cgggaatactc	cgtcagcctg	720
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&lt;210&gt; 3166

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 3166  
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 gcgcgcggaga tcggcctggg gcagatccag gcacgcacgg gcggcaccgg cgagcgcttc 180  
 ttgcgcggcg atgccaccct caccgcgcgc gtgatccgcc tgaaaagcgg cagcgtgggc 240  
 tacggctacg taactggccg cgacaaaacg cagcccgagc gctgcgcagc gatcgacgcg 300  
 cttttacagg aacagccgca ttttcagacg ttaatggaaa cccttattgc cccgctggaa 360  
 gctgaccgcg ccgcacgcct tgccgcgcgt caggccgaag taaataccag ccgggtcgac 420  
 ttctttacgc tcgttcgcgg agacaacgca tga 453

<210> 3167

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 3167  
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 cgggatcttc cagcagcagc ccgtacgcca tcgcgtggcg gacagactgc acccgatggg 120  
 gacaaaacgta tgattatcaa taatgtcagg ctgggtgctgg aaaatgaggt cgtgaacggc 180  
 tcggttgagg tgccgggacgg tgatcatccgc gcctttgccg aaaccacagag ccgctcaccg 240  
 gacgcgatgg acggcggaagg cggctggctg ctaccggggc tgattgagct gcataccgat 300  
 aatctcgata aattcttcac ccgcgcgccg aaggtggact ggcctgcgca ttcagcgatg 360  
 agcagccacg acgcgctgat ggtcgccagc ggcacacca cgggtgctgga cgcggtggcg 420  
 atcggcgacg tcgcgcgacgg cggcgatcgc ctggagaacc tggagaagat gatcaaagcc 480  
 gtggaggaga cgcaaaagcg cggcctcaac cgccgcgagc accgcctgca cctgcgctgc 540  
 gagctgccgc accacaccac cctgcgcgtg tttgagaagc tgggtgggccc cgagccggtc 600  
 tcgctgggtt ccctgatgga tcaactcgccg ggacagcgcc agttcgccaa cattgaaaag 660  
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 gaagagcagc tggcgctggc ggcccagtgg tcgcagccga atcgccctc cattgcccgt 780  
 atgtgccggg accgtaatat tgccctggcc agccatgatg acgccacgca cgatcacgtg 840  
 cgcgaaatccc accagcttgg gagcgtgatc gccgaatttc ccaccacgtt cgaggcgcca 900  
 gaagcatcac gtaagcatgg catgaacgtc ctgatgggcg cgcggaacat cgtacgcggc 960  
 gggctgcact ccggcaacgt ggccggcaagc aagctcgccct cgctcgccct gctggatata 1020  
 ctctcctctg actattaccc cgccagcctg ctggacgcgg cgttccgggt ggccggacgat 1080  
 gagggcaaca gcttcacgct gccacaggcg attcgccctg tgacaaaaaa cccggccagc 1140  
 gcgctcaacc ttcacgatcg cggtagatt gccgaaggca aacgggcaga cctggtgctg 1200  
 gcgcaccgca agggcgagca cgttcatatc gaccacgtct ggcgtcaggg aaaaagggtg 1260  
 ttctga 1266

<210> 3168

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 3168  
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 acgaagcggc gctgctcccg gtctgtttgc aggtttcccc ggacgttctg cgtagccggc 180  
 tgcaaaaagcg ggggcgcgaa aacgcgcgcg agatcgacca gcggctggaa cgggcggcgc 240  
 gttacacccc gtcgggttgc catctcctca ataacgacgg aagtttgcta cagtgcgtc 300  
 agacctttct atcccttata cgccagaagg agaaacagca tgctgactg ccagcttcgc 360  
 cccgccaccg ccgacgatgc gccgatcgtt tacgcgctga tctgcgaact taagcaggcc 420  
 gagttcgatc atcaggcgtt tcacgcggg tatctggcca acttgcagga tcacaatatg 480  
 cgctaccagc tggccgagct ggacgggcag atcatcgga tgatcggcct gcataatgag 540  
 tttcacctgc accacgcccg ctggatcggc gagatccagg agctggtagt gatgccgcag 600  
 gcgcgcggat taaaagtggg cagccagctg ctggcctggg cagaggacgt cgcacggcag 660  
 gcaggcgcg agctgaccga gctttccacc agcgtgaagc gcgtggacgc gcaccgtttt 720  
 tatgttcgtg aagggtatac gcaaaagcat ttccgcttca ccaaaccgct gtag 774

<210> 3169

<211> 768

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3169

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gtgttttggt	gcgactgcmc	ggcgtgccga	cgggcgcggt	tacaggaaaa	ttatcgccgt	120
cgccccgtga	gcgcggcggt	gaaattcaac	gatgcggtca	ccttgctgga	cgcggttatt	180
ccacacctga	tggacgactg	gcccgcgggg	agtttcaggc	agtttttgct	taccattat	240
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gtttacggtc	cgccggacga	cgcaggctgt	gacgacctgt	taaaacatcc	gggccttctg	360
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ccgctgccgc	tcaaccattc	aaaactcacg	tttggtatc	tgctggagtc	cgcccacagc	480
cgcgtggcgt	ggctttctga	taccgccgga	ctgcgcgata	aaacggtgac	gtttctgcta	540
aacaatcagc	cgcaggcgat	gattgtcgcg	tgtagccatg	aaccgcgccc	ggagacgccg	600
cgcaaccatt	gtgatttgaa	tacggtgggt	gcgctgaacg	aggtgattgg	ctgtccgcag	660
gtgatcctga	cgcataatcag	ccatcagttt	gacgtgtgga	tgatggataa	cccgtgccg	720
tccggcattg	aagcggggta	tgacgggatg	gtgatggtgc	tggattag		768

&lt;210&gt; 3170

&lt;211&gt; 1548

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3170

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ttccccggtg	agatccacgc	gctgatgggg	gaaaacggcg	ccggaaagag	cacgctgatg	180
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atgcagcttg	ctcctaacct	gaccgtggcg	gaaaacattt	ttctcggtag	cgagctgtcg	360
cgcggcgggc	tgggtccagcg	caaagagatg	gctgccagg	cccaggcggt	cattgaccgt	420
ctggggcgcg	agttcagcgc	caccgacctg	gtcatgaaac	tgaccatcgc	cgagcaacag	480
caggtggaga	tgcggcgcg	gctgcaccgc	aatagccgca	ttctggtgat	ggacgaacct	540
accgccgccc	tctcctcacg	cgaaacccac	cgtctgttcg	aactgatttt	gcgcctgcgc	600
gatgaaggga	tggcgattat	ctacatcagc	caccgcattg	cggaagtgtg	tgaactctct	660
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aaagtgcagc	cgtgcagttt	gcagggttcg	tccggtgaaa	tgcgcgggct	ggcagggtcg	900
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gcgcaggaga	acatcaccat	ggcgacgctg	gagcgcgacg	ccaccttcgg	ctggctgaac	1140
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atgcgggaag	gcagcattgc	gggtgaactg	cacgggcgcg	acatctctca	ggaaaacatc	1500
atgacgctgg	caaccggcgt	gaacgcacaca	catcatcagg	cgggtgtaa		1548

&lt;210&gt; 3171

&lt;211&gt; 1008

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3171

tcgacaaata	ccgtaccgga	caccatcaaa	gtgcataaca	acaataccct	acgtgaggaa	60
tacagcatga	gattgaagcc	cttagtgacc	gcgctctgtg	ctggcgcgct	gctggccgca	120
accccgtttg	cgcaggcaaa	agatctgaaa	tccatcgggc	tgacggtggg	cgacctggct	180
aacccgttct	tcgtgcagat	caccaaaggt	gccgagctgg	aagcgcgcaa	gctggcgggg	240



gacaacgtca	aggtgacgct	ggtctccagc	gggtacgata	tgggccagca	ggtgtcgcag	300
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gggatcggcc	cggcggtaaa	acgcgccaaa	gaggcgggga	tcgtggtcgt	ggcgggtgac	420
gtggcggcgg	aaggagccga	tgcgaccatc	acctccgata	acacccaggc	gggggaaatg	480
gcctgtaagt	acattaccga	ccgcctgaaa	ggtaaaggca	acgtggtgat	cattaacgga	540
ccgccggttt	ctgcggtaca	aaaccgcgtg	gagggctgcc	agaccgagtt	caggcgccac	600
ccggatatca	aagtgtcttc	ggataaccag	aacgccaaag	gcagccgtga	aggcgggctg	660
gaggtcatga	cctccctgct	ggcggctaata	ccgaagatcg	acggcgattt	cgcgattaac	720
gatcctaccg	cgatcggcgc	cgatctggcc	gcgaagcagg	cgagcgcaa	cgagttcttt	780
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tatgacattc	ttcagggcaa	acctgcgcgc	aaagagcccg	tgctgatccc	ggtgacgatg	960
atcgataaaa	agaacgtcgg	cacgtataag	gggtggacgg	ttaaataga		1008

&lt;210&gt; 3172

&lt;211&gt; 816

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3172

ggccacattt	atcgtgaggc	cgggcacatg	caaactgtca	ttcgcgtcga	gaaactgagc	60
aaaaccttcc	atcacaaaca	ggcgtgcat	gccgttgatc	tgaccgtcca	gcagggcgaa	120
atggtggcgc	tgttggggcc	gtctggttca	ggtaaatacca	cccttcttcg	tcacttgagc	180
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gaagccttac	aggcgctgac	ccgcgtcggc	atggcgcat	tcgcccacca	gcgcgtctcc	480
acgctctccg	gcggacagca	gcagcgcgtc	gccattgccc	gcgccctgat	gcagaaagcc	540
aaaattatcc	tggccgatga	acctatcgcc	tcgctggata	cggagtcgcg	ccgcctcgtg	600
atggaaaccc	tgcgcgacat	caatcagaac	gacggcatca	ccgtgggtgg	gacgctgcat	660
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gtaaacgcgc	tcgaagagcg	cgcgcgaggc	gcataa			816

&lt;210&gt; 3173

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3173

agcgggtgcag	taacgccttt	ctccctctcc	ctcaagggag	aggggactaa	acccaaagga	60
gccaaatgc	aaaccatcac	cctcccgccg	ccaaaacgca	gctggttctc	gctcataagc	120
tgggctgttc	tgctggcggt	gctcgttatc	tcctggaagg	gcgcggagat	ggatccgctg	180
ctgctcttca	gggactcagg	caacatggcg	accttcgccg	ccgacttctt	cccaccggac	240
ttcagccagt	ggcaggacta	cctcgttgaa	atggcgatca	ccctgcaaata	tgccgtctgg	300
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gtgccatggt	gggtttacca	gccgatgcgc	cgctgatgg	acgcctgtcg	cgccatcaac	420
gaaatggtct	ttgcgatgct	attcgtggtc	gccgtcgccc	tgggtccggt	cgcgggcgtg	480
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gccatcgagc	ccggcccggt	ggaaggcatc	cgggcaaccg	gagcgaacaa	aatcgaagag	600
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ttcgagtcca	acgttcgctc	cgccaccgta	gtcggcatgg	tgggcgcagg	cggcattggc	720
gtcaccctgt	gggaagcgat	tcgtggtttc	cagttccagc	aaacctgcgc	cctgatgggtg	780
ctaatacatg	tcaccgtcag	cctgctggat	ttcctctctc	aacgtttgcg	taagcacttc	840
atctga						846

&lt;210&gt; 3174

&lt;211&gt; 1170

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 3174  
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 gcgcctgctg gcgatcccga gaaccactca cgtggagggtg tgctgatgta cgttgccgtc 120  
 aaagggggcg agaaggcgat cgccgcccgc catgccttgc aggagcacag acgcccgggg 180  
 gatgacgcct tacccgagct gagcgtcgcg cagattgaac agcagttaaa cctggccgtc 240  
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 caggccagcg gcgataacgt ggaagccatc ttctgctgc gcgcttaccg cactacgctt 360  
 gcgaagctgg cggtaagcga gccggtgaaa acggcggaaa tgcgtttaga gcgccgtatt 420  
 tctgcggtgt acaaagatat tcctggcggc cagctgcttg gtccgaccta cgactacacc 480  
 catcgccctg tggacttcac tctactggcg aacggtgaaa caccgcagct cagcgtctct 540  
 gacgctgaac aagacgcctc tccgcacgtc tttagcctgc tggcaaacca ggggctggcg 600  
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 ccctgttcgc gctcgteccg cctgcaacag ctgatgcgcg gcgatgaagg gtatctgctg 720  
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 cgcagcgggt atctcgatgt cgaaattgtg ccggaagagc tgggttttgc ggtgaacatc 840  
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 ccggcacagg acgaagagtt cgtgctggcc cagcgggata acggttaggc cgccggcttt 1080  
 gtctcgaccc tcaagctgcc gcactacgtc gatttccagg ccgaactgga actgctgaaa 1140  
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<210> 3175

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 3175  
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 ccaacagagc gaggcgaaca gccaatgaaa ccgctgcttt cggttaataa cctgactcac 120  
 ctttatgcgc cgggcaaagg ctttagcgac gtgtcgtttg agctgtggcc gggcgaagtg 180  
 ctgggcattg tcggcgagtc cggctccggt aaaaccaccc tgctgaagtc catctccgcg 240  
 cgcttgacgc cgcagaatgg cgacattttg tatgagggcg tgctcgctgta tggcatgagc 300  
 gaagccgagc gccgcgcct gctgcgcacc gactggggcg tggcgcacca gcaccgatg 360  
 gatggcctgc gccgccaggt ctgcgcgggg ggcaacatcg gcgaacggct gatggccacc 420  
 ggcgcgcgcc actacggcaa catccgcgcc acggcgcagc actggctgga agagggtgaa 480  
 atccccgcct cgcgcacatc cgacctgccg acaaccttct ccggcggcat gcagcagcgt 540  
 ttacagattg cccgcaatct cgtcaccatc ccgaagctgg tgtttatgga tgaaccgacc 600  
 ggtgggctgg acgtctccgt gcaggcgcgc ctgctggatc tgctgcgcgg cctggtagtg 660  
 gacgtgaacc tggcggtagt gattgtcacc cagcatttag gcgttgccgc cctgctggcg 720  
 gaccgcctgc tgggtgatgaa gcagggtcag gtgggtgaaa gtgggctgac cgatcgggtg 780  
 ctcgacgatc cccatcatcc gtacacccaa ctgctggtgt cctcggtatt acagaattaa 840

<210> 3176

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 3176  
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 ggtgtccgcc tgccggtact gcaaaatgcc tcattagagg tcagcaacg cgaatgcgtg 120  
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agactgcacc cgatggggac aaacgtatga

690

&lt;210&gt; 3177

&lt;211&gt; 1083

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3177

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ataatggaac	gcaaagggat	tatcgccgca	ggcaacatgc	tgggtggatca	cgtccaccag	120
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caggcgggtgg	ggctgattgg	ggaagacagc	gacggagact	atattctggc	gatgctcgac	300
cagtatcacg	tcaatcgcca	gcgcgtgcag	cgtacaacgt	tcgccccaac	gtcgtatgtcg	360
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&lt;210&gt; 3178

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3178

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&lt;210&gt; 3179

&lt;211&gt; 1728

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3179

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&lt;210&gt; 3180

&lt;211&gt; 189

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3180

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gaccagtga						189

&lt;210&gt; 3181

&lt;211&gt; 2310

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3181

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&lt;210&gt; 3182

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3182

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&lt;210&gt; 3183

&lt;211&gt; 417

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3183

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&lt;210&gt; 3184

&lt;211&gt; 909

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3184

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 <211> 1587  
 <212> DNA  
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <212> DNA  
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&lt;210&gt; 3188

&lt;211&gt; 1023

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3188

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&lt;211&gt; 2370

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3189

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gcgattgaac	atattccggg	gattgaggtg	gagtttgtgc	atctcgccgg	tctggatgcg	720
cacctggggc	aactgacgct	gctcgacacg	ccggggccga	acgaggccgg	tcagccgcac	780
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aaatccgtgc	cgctttacgc	cctggtcaac	aaattcgatc	agaaagatcg	taacagcgac	960
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tgcatcaaa	ttcgtaaagc	tttggcccg	caggtcgatg	tctctgttac	ggcaggtatg	2160
gcaacgttct	ttgcagagtt	ttcgttgtgc	ctgaccgggt	tacaggaaag	cttgcgatgat	2220
agccttgccg	ttcggcagca	gaatgagcat	tcaaccggg	cgcttagcca	gttggtgaag	2280
caaagtatga	ccactgcggc	gtggattcag	gaagataccc	gactgttacg	cgatgatatt	2340
caaaccttat	tcgcggcaga	gcaaccatga				2370

&lt;210&gt; 3190

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3190

cgaatacagc	atgttaatgc	tgggtggttt	gatgggtgctg	atgatgatct	ggcgtccgca	60
gggtctcctg	ccgatgacct	gtccacagct	gaagctgaaa	cgcacacagg	cgaaaggaga	120
gcaggcatga	agcctttatt	atccgttaac	ggcctgatga	tgcgtttttg	cggcctgctg	180
gcggtcaaca	atgtgaatct	ggatctgcac	aagaaagaga	ttgtctccct	gattggcccg	240
aacggcgcg	gaaaaaccac	ggtcttcaac	tgcttgaccg	gcttctacaa	gccgacgggc	300
ggcaccatca	tgctgcgcga	tcagcatctt	gaagggctgc	cgggccagca	gattgcccg	360
atgggcgtgg	tgcgtaacct	ccagcacgtg	cgtctgttcc	gcgagatgac	ggtgattgag	420
aacctgctgg	tggcgcaaca	tcagcagctg	aaaaccggcc	tcttctccgg	cctgctgaaa	480
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cgtatcgccc	tgctccagca	cgccaaccgt	caggcgagca	acctcgctta	cggggatcag	600
cgctcgctgg	agatttgtgc	ctgcatgggt	acgcagccgg	agatcctgat	gctcgacgaa	660
ccagcggcag	gtctcaatcc	gaaagagacc	aaagagctgg	acgagctgat	tgccgagctg	720
cgcgaccatc	acgacaccac	catcctgctg	attgagcatg	acatgaagct	ggtgatgggc	780
atctcggaac	gtatctacgt	ggtaaaccag	ggcacgccgc	tggcaaaccg	cacgccggaa	840
gagatccgca	acaacccgga	cgtgatccgc	gcataccttg	gtgaggcata	a	891

&lt;210&gt; 3191

&lt;211&gt; 1350

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3191

tatcgcgcat	ccggcacaat	aagagagatg	acaatgacat	cgttacgaca	cacagctttg	60
ggtctggcac	tgggtctggc	ttttgcgacg	aacgcaatgg	ctgtgacgac	cattccgttc	120
tggcattcca	tgggaagggga	gttgggtaaa	gaggttgact	ccctggcgca	acgtttcaac	180
gacaccaccc	cggattacaa	aattgtgccg	gtgtacaaag	gcaactacga	gcagagcctg	240
agcgcgggca	tcgcgcgctt	ccgtaccggg	aacgcgcctg	cgctgttaca	ggtttatgaa	300
gtgggcaccg	cgaccatgat	ggcctccaaa	gccatcaagc	cggtgtacga	ggtgttcaaa	360
gaggcgggca	ttaactttga	cgagtcccag	ttcgtgccaa	ccgtggcggg	atactacacg	420
gattccaaaa	gcgggcatct	gctgtcccag	ccgtttaaca	gctccacgcc	ggtgctgtac	480
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agcggctggc	agggctggat	ccagattgaa	aacttcagcg	cctggcacgg	cctgccgggt	660
gccacaaaaa	acaacggctt	cgacgggtacc	gacgcgggtg	tggagttcaa	caagccggag	720
caggtgaagc	acatcgcgct	gctggaagaa	ctcaacaaga	agggtgactt	cagctacttc	780
gggcgtaaag	acgaatccac	cgagaagttc	tacaacggcg	actgcgccat	taccaccgcc	840
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atgccgtacg	acgctgacgt	caaagcgcg	ccgcagaatg	ccatcatcgg	cggggcgagc	960
ctgtgggtga	tgcagggtaa	agacaacggc	acctacaaag	gcgtggccga	gttcctcgac	1020



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accaaagccg	cgtacgacct	gacccgcgag	cagggcttct	acagcaagaa	cccggggcgcg	1140
gatatcgcga	cgcgtcagat	gctgaacaag	ccgcccgttg	cgttcaccaa	aggcctgcgt	1200
ctgggcaaca	tgccgcagat	ccgcaccatc	gtcgatgaag	agctggaaag	cgtctggacc	1260
gggaagaaaa	cgccacagca	ggcgctggat	tccgcggtag	agcgcgggaa	tcagctgctg	1320
cgccgctttg	agcagtcgac	gaagtcttaa				1350

&lt;210&gt; 3192

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3192

cctatgtcat	cateccgtcc	ggtgttccgt	tcccgtggc	tgccgtacct	gttggtcgcg	60
ccgcagctgg	tcataccgct	catcttcttt	atctggcctg	cgggcgaaag	gctgtggtac	120
tcggtacaaa	gcgtcgatcc	gttcgggctt	tccagccagt	ttgtcgggct	ggacaacttt	180
accgcgctgt	tccacgacag	ctactacctg	gattccttct	ggacgacgat	caaattcagc	240
gcgctggtca	ccgtcagcgg	tcttgtcgcg	tcgctgtttt	tcgccgcgct	ggtggattac	300
gtagtacggg	gcagccgtct	gtatcagacc	ctgatgctgc	tgccctacgc	cgtggctccc	360
gccgtggccg	ccgtgctgtg	gatcttccctg	tttaaccggg	gccgcgggct	gattacccac	420
ttcctgggtg	agtttggcta	tgactggaac	cacgcccaga	atagcgggtca	ggcgatgttc	480
ctggtggtgt	tcgcctcggt	gtggaagcag	atcagctata	acttcctggt	tttctttgcc	540
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gtgcgcgct	tcttccggct	gtcgctgccc	ctgatcgccc	cggtgagttt	ctttctgctg	660
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gggcttgatc	tctcagcctc	tgctgcacag	tcggctcggtc	tgatgttcct	cgtcatcatc	840
ctcacggtgg	tgagtttccg	ctatgtcgaa	agtaaggtgc	gctaccaatg	a	891

&lt;210&gt; 3193

&lt;211&gt; 1119

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3193

ccatgcagcg	cgcgtttgtc	cgcggcctgg	tcgatagcga	gaaataagat	ggcaggttta	60
aaattacagg	cagtaaccaa	aagctgggac	ggcaaaaccc	aggtcattca	gccgctgacg	120
ctcgacgtgg	cggacgggga	atttatcgtg	atggtcggcc	cgtccggctg	cggaaaatcc	180
accctgctgc	gtatggtggc	cgggctggag	cgtgtgacgt	ccggggatat	ctggattgac	240
cgccagcgcg	ttaccgagat	ggaacccaaa	gatcgcgga	tcgcgatggt	attccagaac	300
tacgccctct	atccgcacat	gagcgtggaa	gagaacatgg	cctgggggct	gaaaattcgc	360
ggtatgggca	aaggccatat	cgaggagcgc	gtgaaagagg	ccgcgcgcat	tctggagctg	420
gacggcctgc	tcaagcgctg	cccgcgcgag	ctctccggcg	gccagcgcca	gcgcgtggcg	480
atggggcgcg	ccatcgctgc	cgatccggcg	gtatttctgt	tcgacgaacc	gctgtcaaac	540
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ggaaccacgt	ccctctatgt	gacccacgat	caggttgaag	ccatgaccct	cgcccagcgc	660
gtgatggtga	tgaacaaagg	catcgccgag	cagattggca	ccccggtgga	ggtctacgaa	720
aaaccggcca	gccgttttgt	ggcgagcttt	atcggcagcc	cggcgatgaa	cctgctggac	780
gggcggatca	atgcggcggg	aacccacttc	gagctggaaa	gcgggatggc	gttgccgatac	840
aactgggtact	atcggtggta	cgccggggcgt	aagatgacgc	tcgggtatccg	cccggagcat	900
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ccgcatcagg	agcggccgaa	ggcaggcagc	acgctgtggc	tgcatatgcc	ggaaaatcac	1080
ctgcacttat	ttgacggtga	aacaggacaa	cgagtatga			1119

&lt;210&gt; 3194

&lt;211&gt; 1083

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3194

tttctcaacc	ttccctttaa	acggggaagg	ttgagctttg	tccgtgataa	actgagcaaa	60
tctctcactt	caagatttct	caggacgatg	aaaaagaaac	gccccgtact	tcaggatgtc	120
gccgatcgcg	tcggtgtgac	caaaatgacg	gtcagccggt	ttttacgtaa	cccggaacag	180
gtttccgtgg	cggtgcgtgg	caagattgcc	gccgcccttg	atgaactggg	ttatatcccc	240
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acggcggcga	tcatcgcccg	cggtcatcgc	catgtggcct	atctgggtgc	gcgtctggat	660
gaacgtacta	tcatcaaaca	gaagggatac	gagcaggcga	tgctcgacgc	cggtttaacc	720
ccgtacagcg	tgatggtgga	gcaatcttct	tcttacacgt	cgggtattga	gctgatgcgt	780
caggcgcgac	gcgagtatcc	gcaactggac	ggtattttct	gtaccaacga	tgaccttgcg	840
gtcggcgcgg	cgtttgagtg	ccagcgtctg	ggtttaaaaa	tcccggatga	tatggcgatt	900
gccggtttcc	acggccacga	cattggccag	gtgatggagc	cgcgtctggc	gagcgtcctg	960
accccgcggtg	aacgcattggg	ccgcattggt	gcagaacgcc	tgctggcgcg	cattcgtggt	1020
gaggcagtta	cccctaaaat	gtagatttta	ggtttcacct	tgtcaccggg	tggatctatt	1080
taa						1083

&lt;210&gt; 3195

&lt;211&gt; 549

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3195

caattgactg	agggacaccc	tttgagcacg	actaatcacg	atcaccacgt	ttacgtcctg	60
atgggcgtgt	ccggtagcgg	taaatctgcc	gtggcgagcg	aagtggcgca	tcaactccag	120
gctgcgtttc	ttgatggtga	cttcctccat	ccgcgtagca	acatcatgaa	aatggcttcc	180
ggcgaagcgc	tgaacgacga	cgaccgcaaa	ccgtggttgc	agggcgtgaa	tgacgccgcg	240
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gttgatatcg	atcagccgct	ggaagggtgtt	gttgccagca	ccatcgaggt	tattaataaa	540
aggcagtaa						549

&lt;210&gt; 3196

&lt;211&gt; 1344

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3196

gttttgagta	cattaacgct	agttttgaca	gcagtggggt	ccgtattgct	gctgctgttt	60
ttagtgatga	aggcacgtat	gcacgccttc	gttgctttga	tggtgggtttc	tattggtgct	120
ggtctctttt	ccggcatgcc	gctcgacaaa	atcgcggcga	cgatggaaaa	agggatgggc	180
ggcacgctcg	gcttcctggc	cattgtggtg	gcactgggcg	cgatgttttg	caagattttg	240
cacgagacgg	gcgcggtcga	tcagattgcc	gtcaagatgc	tgaaatcctt	cgggcacagc	300
cgtgcgcact	acgcgattgg	tctggccggt	ctgatttgcg	cgctgccgct	gttctttgaa	360
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gagggtaaaa	tgcggtcctt	cggcttcagt	ctgtcgctga	tcctgctgcc	gctggtgctg	720
gtgggcctga	aaaccatcgc	tgcacgcctt	gtgccgggtg	ggtcaaccgc	ttacgaatgg	780
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gtgaacgacg	caggcttctg	gctgttcggg	aaattttaccg	gcgcaaccga	agcgcaaacc	1260
ctgaaaacct	ggacgctgat	ggaaccatc	ctcggcacga	cgggtgcggt	tgctcgggatg	1320
attgcgttta	cgctgctgag	ctga				1344

&lt;210&gt; 3197

&lt;211&gt; 2049

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3197

aagccatggc	cgctccgaact	ccctgagcct	gacgctgccg	ccgcttggca	caatctggct	60
ggtgcgggag	ggagaatgac	gcagcttacg	gcaggtaaac	ccgaaccgct	cggggcgagt	120
tttgacggaa	agggggtgaa	cttcacgctc	ttttccgccc	atgcggagcg	ggtggaactc	180
tgtgtgtttg	acgggggaagg	taacgagcac	cgttacgatt	taccggcgcg	cacgggggat	240
acctggcatg	gctacctggc	cggaggacgg	ccgggggatgc	actacggttt	tcgcgtacac	300
ggccccctggg	agccctctca	ggggcactgg	tttaaccogg	cgaagctgct	gattgaccct	360
tgtgcgcacc	gggtggacgg	tgagtttaaa	gatgaccggc	tgttccacgt	tggctacggc	420
gaacctgacc	acctcgacag	cgcgcccgtc	gcgccccaaa	gcgtggtggt	gcacgatctc	480
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gcccacgtta	aagggtcgac	gtatctgcac	ccgtcaattc	ccaaagagat	gcgcggcacc	600
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ctggagctgt	tgcccgtagc	gcatttcgcc	agcgagccgc	ggctacagcg	tctcgggtta	720
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aatcctgaga	aggcgccgga	tgagtttcgc	gatgcgggtga	aggcgcttca	cgcgccgggt	840
atcgagggtca	ttctggacgt	ggtgttgaa	cacagtgcgg	aaagcgatct	tgacggcccg	900
acgctctcac	agcgccgaat	cgataaccgt	agctattatt	ggatcaggga	cgacggcgat	960
tacgagaact	ggaccgggtg	cgttaacacc	ctcaacctca	gtcatccggc	cgttacgcat	1020
tacgcgtacg	agtgcctgaa	atactgggtt	gagacgttcc	acgtggacgg	ttttcgcttc	1080
gacctggcgc	cagtgatggg	gcgcaccccg	gcgttcagcc	agcaggcgcc	gctgtttgag	1140
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ataccctgtc	tgcaaatcct	gctttcggat	gcgtggctgg	tgacgctgaa	cgcgacggat	1920
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gcggataatc	cggttgttat	ggctgtctgg	cacgggcctg	cgcacggagt	gtgcgtattc	2040
caaagatga						2049

&lt;210&gt; 3198

&lt;211&gt; 927

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3198

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&lt;210&gt; 3199

&lt;211&gt; 1362

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3199

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&lt;210&gt; 3200

&lt;211&gt; 741

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3200

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&lt;210&gt; 3201

<211> 2205  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3201

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<210> 3202  
 <211> 1647  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3202

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&lt;210&gt; 3203

&lt;211&gt; 2466

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3203

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&lt;210&gt; 3204

&lt;211&gt; 939

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;210&gt; 3205

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3205

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&lt;210&gt; 3206

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3206

aacaggacaa	cgagtatgag	caactggcct	tacccccaca	tcgtcgccca	ccgtggcggc	60
ggtaaactgg	cgccggaaaa	caccctggcg	gcaattgacg	ttggcgacg	ctacggccac	120
acgatgatcg	agttcgacgc	caagctctcg	aaggacggcg	aaattttcct	gctgcacgac	180
gacaacctcg	aacgcaccag	caacggctgg	ggcgtggcg	gtgaactgcc	gtggcgtgac	240
ctgctgaagg	tggacgcgg	aagctggttc	agcggcgaat	tcaaaggcga	accgctgccg	300

ctgctggcgg	aagtggcgga	ccgctgtcgt	caacacggca	tgatggccaa	tattgaaatc	360
aaaccgacca	ccggcaccgg	gccgctgacg	ggtaaagtga	ttgccattgc	cgcgcgtgag	420
ctgtgggaag	ggatgaccgc	gccgctgctg	tcgtcgtttg	atatacgacgc	gctggaagcc	480
gcacaggccg	ccgttccgga	gttgccgcgc	gggtcgtgc	tgatgacgtg	gcgagaagac	540
tgccgcgcgc	tgacgacccg	cttaggctgc	gtgtcgatcc	acctcaacca	taagctgctg	600
gatgaagcgc	gcgtgacgct	gttgaaggag	gccggtctgc	atatacctggt	gtataccgtc	660
aacaaacccc	agcgtgcagc	cgagctgctg	cgctggggcg	tgacacagcat	ctgtaccgat	720
gcgattgacc	agatcggggc	gaactttatt	tattaa			756

&lt;210&gt; 3207

&lt;211&gt; 1782

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3207

gcgggggaata	tggggccctt	cacctggaga	acaataatga	tgaaaccaac	ctttttgcgc	60
tgggtcgcca	tcgctgcgct	gatggcaggc	ggcacattta	cogtggcggc	caaccgcgcc	120
gccgctccac	cggctctctta	cggcgtggag	gaggatgttt	ttcaccctcg	gcgggcgacg	180
cacggcatgg	tggcctcggt	tgacgcgctg	gcaacgcagg	tgggcgctga	tattcttaaa	240
cagggcggtg	acgcggtgga	tgcggcggtc	gcggtgggat	atgcgctggc	ggtgacgcat	300
ccacaggcgg	ggaacctggg	cgccggcggg	tttatgatgc	tgccgacgaa	agacggtaaa	360
accacagcca	tcgacttccg	tgagatggcg	cgaaccagg	cctcccgcca	tatgttcctc	420
gacgatcagg	gcaaccggga	cagtaaaaaa	tccttgacct	cgcaccttgc	ctccggcacg	480
ccgggcaccg	ttgcgggctt	ctcgctggcg	ctggaaaaat	acggcacgct	gccgctgaat	540
aaagtgggtg	agcctgccat	caggctggcg	cgcgacggct	tcgtcgtcaa	cgacgcgctg	600
gcggacgacc	tcaaaacctt	cggcagcgaa	gttattccca	atcatgagaa	cagcaaggct	660
atcttctgga	aagacggcga	gccgctgaag	aagggcgata	agctgggtgca	gaagaacctc	720
gcaaaaagtc	tcgaactgat	tgcggaaaaa	ggtccggatg	ccttctataa	ggggccgatt	780
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gaaaacttcg	atatgcacaa	gtatggcttc	ggtagcgccg	atgccatgca	ggtgatggcc	1020
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aacaacgaga	tggatgattt	ctctgccaaa	ccgggcgtgc	cgaacgtcta	cggcctggtc	1380
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atcaccaccg	tactgcaaat	ggtgggtgaa	agcatcgact	ttgggatgaa	cgtcgccgaa	1560
gcgaccaatg	cgccgcgctt	ccatcaccag	tggttgccgg	acgagttgcg	cgtggagaag	1620
ggcttttagcc	cggacaccct	caagctgctt	gagcagcgcg	ggcagaaggt	ggcgggtgaa	1680
gaggcgatgg	gcagcaccca	gagcattatg	gtcggaccgg	atggcgcgct	gtttggcgcg	1740
tcggaccgcg	gttcgggtgga	tgattttaacg	gcgggggtatt	ga		1782

&lt;210&gt; 3208

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3208

gccatgacac	tacattgcgc	atttattgga	tttggcaaaa	gcaccacgcg	ttaccacctt	60
ccgtatgttc	tcaaccgtaa	agagacctgg	cacgtcgctc	atatctaccg	ccgcagcgcg	120
aagccggaag	aacagtctcc	gcagtattcc	catattcatt	tcaccagcga	tcttgatgaa	180
gtgttaaatg	atccgcagg	gaagctgggt	gtggtctgta	cccacgcgca	cagccacttt	240
gactacgcga	aacgcgcgct	ggaagcagg	aaaaacgtgc	tggtggaaaa	accgttcaat	300
ccgacctatg	ccgaagcgaa	ggaactcttt	cgctggcgca	aaagcaaaag	cctgaccgtc	360
acgccgtacc	agaaccgacg	ctttgacagc	tgcttctgta	cggcgaaaaa	ggcgattgag	420
agcggcaaac	tcggcgagat	cgtggaaatc	gaaagccact	tcgattacta	ccgcccgggtg	480
gcggaaaccc	agcccggaat	gccgcaggac	gggtcgttct	acggtctggg	cgtgcacacc	540



atggaccaga	ttattttctct	gtttggccgc	ccggaccacg	tggcgtatga	catccgcagc	600
ctgcgcaata	aggccaaccc	ggacgatacc	tttgaagcac	agctgttcta	cggcgatctc	660
aaagccatcg	tgaaaaccag	ccacctgggtg	aaaatcgact	acccgaaatt	tatcgttcac	720
ggcaagaaag	gctcctttat	caagtacggc	attgaccagc	aggagaccag	cctgaaggcc	780
aatatcatgc	cgggtgaacc	gggctttgcg	gcagatgatt	ccgtgggcgt	gctggagtac	840
gtgaacgacg	agggcgtagc	ggtcagggaa	gagctgaagc	cggaaacggg	cgactatgga	900
cgcgtctatg	atgcgctgtt	tgagaccctc	acaaacggca	cggcgaatta	cgtcaaggaa	960
tctgacgttc	tgaccaacct	ggaaatcctc	gaacgggcct	tcgaacaggc	ttctcctgcc	1020
acggtaaccc	tcgcgaata	a				1041

&lt;210&gt; 3209

&lt;211&gt; 819

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3209

gcaaaaacgg	ctcctctgcg	cttggttcaca	atttttgaac	agaggagtca	attttcaccc	60
tctatgatcc	cagggcggtt	gcgtccacac	ttactccatc	gaaacgaact	gagggtgaaa	120
acaatgatct	acttacgcaa	agcaaacgaa	cgtgggtcacg	cgaatcatgg	ctggctggac	180
tcatggcatt	cattctcggt	tgccgactac	tacgaccoga	acttcatggg	cttctccgca	240
ctgcgcgtga	ttaacgatga	cgtgattgat	gcaggccagg	gcttcgggtac	ccaccgcgac	300
aaagacatgg	aaatcctgac	ctatgtgctg	gaaggggcgg	ttgagcacca	ggacagcatg	360
ggcaacaaag	agcaggttcc	ggcgggcgag	ttccagatta	tgagcgcggg	gaccgggggtg	420
cgtcactctg	agtacaaccc	gagcaaaaacg	gaaaaactgc	acctgtatca	aatctggatc	480
attccagaag	agaccggcat	cacgccacgc	tacgagcagc	gccgcttcga	cgcgaaacag	540
ggcaaacagc	tggtgctctc	gccggatgcg	cgtgaagggt	ccctgaaagt	gcacaggat	600
atggagctgt	accgctgggc	gctggcgaaa	gatgaacagt	ctgtgcacca	gatcgccgcc	660
aaccgcccgc	tgtggatcca	ggtggtgaaa	ggggaggtgt	ccatcaatgg	cactaaagcg	720
acaaccgccg	atggtctggc	cgtctgggat	gagcaggcgc	tctccgtgca	tgccgacagc	780
gaaagtgaaa	ttctgctgtt	tgacctgccg	ccggtctaa			819

&lt;210&gt; 3210

&lt;211&gt; 1173

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3210

tgtgaagcat	atcccagttc	aatactggct	tgcacaatca	gcacacaccc	cttgcaggaa	60
aaaaatgcta	tgaaaaacgt	tggtttttatc	ggctggcgcg	gtatggtcgg	ctctgtactc	120
atgcaacgca	tggttgaaga	gcgcgatttc	gacgccatcc	gcccggctctt	cttctccact	180
tcccagctcg	gccaggctgc	accgtccttt	gggggtacca	caggcacgtt	gcaggatgct	240
tacgacctgg	aggcgctgaa	ggcactcgac	attatttgtga	cctgccaggg	cggcgattat	300
accaacgaaa	tctatccgaa	gctgcgtgaa	agcggctggc	agggctactg	gattgacgcg	360
gcctcttcgc	ttcgcatgaa	agacgatgcc	atcattatcc	ttgaccgggt	taaccagggc	420
gtcatcaccg	acggcctgaa	caacggcgtg	aaaacctttg	ttggcggtaa	ctgcaccgtc	480
agcctgatgc	tgatgtccct	cggcggtctg	ttcgcacagg	atctggtgga	gtgggtctcc	540
gtggcgacct	accaggcggc	gtccggcggt	ggcgcgcgtc	atatgcgcga	gctgctgacc	600
cagatgggcc	agctgcacca	gagcgtcgct	gccgagctgg	cagaccgggc	gtccgcgac	660
ctcgatatcg	agcgtaaagt	cactcagctc	accgcagcgc	gcgagctgcc	ggtggataac	720
ttcggcgtag	cgttgccggg	cggcctgata	ccgtggatag	acaaacagct	ggataaacggc	780
cagaccgcgc	aagagtggaa	gggccaggct	gagaccaaca	aaatcctcgc	caccgcgaac	840
accattccgg	ttgacggctc	gtgcgtgcgt	atcggcgcg	tgcgctgcca	cagccaggcc	900
ttcaccatta	aactgaaaaa	agatgtgtct	attccgaccg	tggaaagagct	gctggccgcg	960
cataaccgct	gggcgaaagt	ggtgccaaac	gatcgcgata	tcaccatgcg	cgaactgacc	1020
ccggcagccg	tcaccggcac	gctgaccacc	ccggttggcc	gcctgcgcaa	gctgaacatg	1080
gggcccggagt	acctctccgc	gttcaccggt	ggcgaccagc	ttctgtgggg	tgccgcccag	1140
ccgctgcgcc	gcattgctgcg	ccagctggcg	taa			1173

&lt;210&gt; 3211

&lt;211&gt; 1374

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3211

tccggttggt	atggctgtct	ggcacgggcc	tgcgcacgga	gtgtgcgtat	tccaaagatg	60
ataaaaaagg	agtttagtcat	ggtttagatta	gagaagaacg	atccgttaat	gttggcgcgc	120
cagctaccat	taaaaacagt	tgccctgata	ctcgcgggcg	ggcgtggtac	ccgtctgaaa	180
gatttgacca	tcaagcgcgc	taaaccggcc	gttcactttg	gtggtaagtt	ccgtattatc	240
gattttgcac	tgtcaaactg	cctgaactca	ggcattcgcg	gtattggcgt	cattacccaa	300
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tacatcgtaa	tcctcgccgg	ggaccacatc	tacaagcaag	attactccca	catgctgac	540
gaccacgtcg	aaaaaggggc	gcgctgcacc	gtggcgtgcc	tgccggtgcc	tgttgcgga	600
gcaaccgcgt	ttggcgtgat	gcatgtagat	ggcgacgaca	agattatcga	ctttgtcgaa	660
aaaccggcga	acccgccaac	catgccggga	gacgacacca	aatcgctcgc	cagcatgggg	720
atctatgtct	ttgacgcgga	ttatctttat	gaactgctgg	aagaggacga	caaagacgag	780
aactccagtc	acgacttcgg	caaagacatt	atcccgaata	ttaccaaagc	tggcatggcg	840
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cgcgatgtgg	gaacgctgga	agcgtactgg	aaagccaacc	tcgatcttgc	gtccgtcacg	960
cctgagctgg	atatgtacga	ccagaactgg	ccgattcgca	cccatatgga	atcgctgccg	1020
ccggcgaagt	tcgtccagga	ccgctccggc	agccacggta	tgacgctcaa	ctcgtctggtc	1080
tctggcgggt	gcattatctc	cggttcgggt	gtggtgcagt	ccgtgctggt	cccgcgcgtg	1140
cgtataaact	cattctgtaa	tatcgattcg	gcagtcctgc	tgccggatgt	ctgggtaggg	1200
cgtcatgtc	gtctgcgtcg	ctgcgtttatc	gaccgtgcct	gcgtcattcc	cgaagggatg	1260
gtgattgggg	aaaatgcgga	agaagatgcg	cgtcgtttct	accgttcgga	agaggggatc	1320
gtgttagtaa	cacgggaaat	gttgcggaag	ctgcaaatca	aacaggagcg	atga	1374

## &lt;210&gt; 3212

## &lt;211&gt; 258

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3212

cgcaggccac	cgtggatcag	cttggagctg	gcggacgacg	tcgcgcaggc	gagatcgtta	60
gcttccagca	tcagcacgga	taaaccgcgt	cctgcggcat	caaccgcaat	accggcaccg	120
ttgatgccac	cgcctatcac	aatcagatct	ttggtttcca	taacaccctc	atgcactttc	180
gttaaagctc	aaaaatgttc	gatatcgctc	ataatagcaa	aggaacgcgc	ttttggtaac	240
atcaaaaaaa	caatttag					258

## &lt;210&gt; 3213

## &lt;211&gt; 477

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3213

aggggcccac	attccccgct	taagcctggt	tcacaactct	taaaaaatca	tcgttatgca	60
ggaatgagga	taaacttaag	agaagcctca	aaggaggaga	taaccatgaa	acgattactg	120
atcctgaccg	cgctgcttcc	gttcgccgcg	ctcgcacagc	caatcaacac	cctgaacaac	180
ccgaaccagc	cgggctacgt	cattccgagc	cagcagcgta	tgacagcgga	gatgatgagc	240
cagcaacagc	agcagaaagg	gatgctcaat	cagcagttaa	agacgcagac	ccaggtgcag	300
cagcagcacc	tgcaaaacca	gatgaatacc	aacaccagc	gcgtacagca	gggccagatg	360
cttgaacagc	cgctgcctaa	tacaaacggt	gggatgttag	gaggcggagt	atcgcaaaagc	420
agcggtcagc	agcacatgct	gccgaccag	cagaacggca	gtatgcttaa	taaataa	477

## &lt;210&gt; 3214

## &lt;211&gt; 318

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3214

tcgaccgcgc	ccgtctcgtg	caaaatcttg	ccaacatcg	cgcccagtgc	caccacaatg	60
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gccaggaagc	cgagcgtgcc	gcccattcct	ttttccatcg	tcgccgcgat	tttgtcgagc	120
ggcatgccc	aaaagagacc	agcaccaata	gaaaccacca	tcaaagcaac	gaaggcgtgc	180
atacgtgcct	tcatactaa	aaacagcagc	agcaatacgg	aacccactgc	tgtcaaaact	240
agcgttaatg	tactcaaaac	ttactgcctt	ttattaataa	cctcgatggg	gctggcaaca	300
acaccttcca	gcggtctga					318

&lt;210&gt; 3215

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3215

ctgactgagg	cacaaggaat	gagtgcagata	gtgatacgcc	acgctgaacc	gaaagattac	60
gacgccattc	gtcagatcca	cgcccagccg	gaggtgtacc	acaacacgct	acaggttcct	120
catccttcaa	tggaaatgtg	gcaaatgcgg	ctaggcgaa	agccgggcat	taaacagctg	180
gttgccctgca	ttgatgatata	cgtggtaggc	cacctcacca	ttgatgtcgc	ccagcgacca	240
cgccgcagcc	acgttgccga	tttcggtata	tgcgttggcg	cagagtggca	taaccgcggc	300
gtggccagcg	cgctgattcg	cacctgatt	gatattgtcg	acaactggct	gcgcgtcgac	360
cgcatcgagt	taacggtgtt	tgtggataac	gaaccggcaa	tcgcggtgta	caaaaagcac	420
gggtttgaga	ttgaaggcac	cggcaggcgc	tatgccctgc	gcaacggcga	gtatgtggat	480
gcgtattata	tggcgcgaa	gaagtag				507

&lt;210&gt; 3216

&lt;211&gt; 1536

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3216

gctttaacga	aagtgcata	gggtgttatg	gaaaccaaag	atctgattgt	gataggcggt	60
ggcatcaacg	gtgccggtat	tgcggttgat	gccgcaggac	gcggtttatc	cgctgctgat	120
ctggaagcta	acgatctcgc	ctgcgcgacg	tcgtccgccca	gtcccaagct	gatccacggt	180
ggcctgcgct	acctggaaca	ctacgaattc	cgccctggtca	gcgaagcgct	ggccgaacgc	240
gaagtgcctg	tgaaaatggc	cccgcattctg	gcgatcccgga	tgcgcttccg	cctgccccat	300
cgcccgcatc	tgcgtccggc	gtggatgatc	cgcatcggtc	tgtttatgta	cgatcatctg	360
ggtaaacgca	ccagcctgcc	gggttcaacc	ggtttgcggt	ttggctcaga	atcggtcctt	420
aagcctgaaa	tcgtgcgcgg	tttcgaatat	tcgcactgct	gggtggacga	tgcgcgtctg	480
gtactggcta	acgcgcagat	ggtcgagaag	aaaggcggcg	aggtgaaaac	ccgcacccgc	540
gccaccgccg	cacgcgcgga	aaacggcctg	tggattgtgg	aagcggaaga	cgtaggatac	600
ggcgagaagt	ttagctggaa	agcgcgcggc	ctggtgaatg	ccaccggccc	gtgggtgaaa	660
cagttctctg	atgacggtat	gcacctgcct	tctccatacg	gcataccgct	gattaagggc	720
agccacatcg	tggtgcgcgg	cgtgcatacc	cagaaacagg	cttatatcct	gcaaaatgaa	780
gacaagcgca	ttgtgtttgt	gatcccggtg	atggacgagt	tctccatcat	cggcaccacc	840
gacgtggagt	acaaaggcga	tccgaaaaac	gttgagatcg	acgagagtga	agtcagctac	900
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acctactccg	gcgtgcgtcc	gctgtgtgat	gacgagctcg	actcaccgca	ggccatcacc	1020
cgtgactata	cgcttgatat	tcacgacggt	gacggtcagg	cgccgctgct	ctccgtgttt	1080
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gcgaaagaga	ttgccgatct	gggcgagcat	tttggccatg	agctatacga	agccgagctg	1380
cgctacctgg	tggaaacacga	gtgggtgcgc	cgctctggacg	atgccatctg	gcgtcgtact	1440
aaagaaggga	tgtggctgaa	tgccgagcag	cagtcctcgcg	tggcgagcag	gctggcgcaa	1500
catgcgggaa	agcgtgaatt	gtcgcgtggcg	tcgtaa			1536

&lt;210&gt; 3217

&lt;211&gt; 600

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3217

tttaagatga	gtgaaatcat	ttccgcagcg	gttttattga	tcctgattat	ggatccgctc	60
ggtaatctgc	cgatcttcat	gtcggtgctg	aagcacaccg	agccgaagcg	ccgtcggggcg	120
atcatgatcc	gcgagctgct	catcgccctg	ctgggtgatgt	ttatcttcct	gttcgccgggt	180
gaaaaaattc	tcgcttttcc	gaacttacgc	gccgaaacgg	tctccatttc	cggcgggatc	240
attttgttcc	tgattgccat	taagatgatt	ttcccagcg	cggagggcag	cagcagcggc	300
ctgcctgcgg	gtgaagagcc	gtttatcgtg	ccgctggcga	ttccgctggg	cgccggggcca	360
acgattctgg	ccacgctgat	gctgctgtcg	catcagtatc	cgaatcagat	gagccatctg	420
gtgattgccc	tgctgatcgc	ctggggcggg	acgtttatta	tcctgttgca	gtcgtcgcta	480
ttcctgcgcc	tgctgggtga	gaaaggggtg	aacgcgctgg	agcgcctgat	ggggctgatt	540
ctggaatga	tggcaacgca	gatgttcctg	gacgggatac	gggcgtggat	gaaaggatag	600

&lt;210&gt; 3218

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3218

ggcctctcgc	agcgcgtgttc	cttccagccg	cctgggtgaag	acccttataa	tctcaacgac	60
ttgtattcag	ataagatatc	gcactggatt	aagatgaaaa	caatcgaaat	tgatgacgaa	120
ctctatcagt	atattgccag	ccagacgcgg	catattgggg	agagcgcgtc	cgacatttta	180
cggcgcgatgc	ttaaaatttc	cgccgcctca	cagcccactc	ctgtcactaa	agatgtcgtg	240
tctcagccga	gcgttggtgc	acaagtaaaa	cctgccgtca	tgccggcaaa	ggacaaaagtg	300
cgcgcgatgc	gcgagctgct	gctgtccgat	gaatatgccg	agcagaaaaa	ggccgttaac	360
cgcttttatgc	tggtgctgtc	tacactttac	tactggata	acaacgcatt	tgcagaagcg	420
acagagtcgc	tgacaggctg	cacgcgcgtt	tatttcgcag	gcgacgagca	gaccttgctg	480
caaaatggca	accaaaccac	accaaacac	gttcccggtg	cgccatactg	ggtgatcacc	540
aataccaata	cgggcccga	gtgcagcatg	atcgaacata	tcattgcagtc	catgcagttc	600
ccggcggaat	tgatcgaaaa	ggtttgcggt	acaatttaa			639

&lt;210&gt; 3219

&lt;211&gt; 1665

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3219

cccttgcatc	agaaggacca	ggcaatggca	aatcacagcc	gtgcaggaca	acctgcgcaa	60
caacgcgatt	tgattaacgt	cgctcaactg	accgcgcagt	actacgtgct	gaaaccgggtg	120
gtgggcaacg	cacaacacgc	agtgaagttt	ggtacatctg	gccaccgcgg	cagcgcggcg	180
cgccacagct	ttaacgaacc	gcacattctg	gccattgtct	aggccatcgc	ggaagagcgc	240
gccaaaaatg	gcgtcaccgg	tcogtgctat	gtagggaag	ataccacgc	cctgtctgaa	300
cctgctttta	tctccgtgct	tggaagtgtg	gcggcgaaac	gcgtagacgt	gattgttcag	360
gagaacaacg	gtttcacgcc	aacgcctgcg	gtgtctaacg	ctattctggg	acacaacaaa	420
aaaggtggcg	cgcaggctga	cggcattgtg	atcccccg	cccacaacc	accggaagat	480
ggcggcatca	agtacaacc	accaaaccgt	ggcccgcg	ataccaacgt	cacgaaagtg	540
gtggaagatc	gcgccaacgc	gttactggct	aacggtctga	acggcgtaga	gcgtatctca	600
ctggatgaag	ccatggcctc	cggccacgtg	aaagagcagg	atctggttca	gccgttcgtg	660
gaagggctgg	cggatatcgt	cgatatggcc	gctatccaga	aagccggtct	gaagctgggc	720
gtggatccac	tgggcggctc	cggtattgaa	tactggaaac	gcattgccga	gcactacaag	780
ctggatctga	ccatcgtgaa	cgatcacgtc	gatcagacct	tccgctttat	gcacctggac	840
aaagacggcg	cgatccgtat	ggactgctcc	tccgaatgcg	caatggctgg	cctgctggcg	900
ctgcgcgaca	agttcgatct	ggcgtttgct	aacgaccggg	actacgaccg	tcacggtatc	960
gtcaccgccg	ctgggctgat	gaaccgaac	cactacctgg	ctgtggccat	taattatctc	1020
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gccatgattg	accgtgtggt	cgatgcgctg	ggccgcaagc	tggtggaagt	gccggtgggc	1140
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atcatgtgcc	tgctggcgcc	ggaaatcacc	cggttcaccg	gtaagaacc	gcaggaaacat	1320
tacaacgagc	tggcggaacg	ttttggtgcg	ccaaagtata	accgtatcca	ggctggcgcc	1380
acgtctgcgc	aaaaagcagc	tctgtcaaaa	ctctctccgg	agatggtcag	cgccagcacc	1440
ctggcagggtg	accgatcac	cgcgcgtctg	acggcggcac	cgggtaacgg	cgcattccatc	1500
ggcggcctga	aggtgatgac	cgaaaacggc	tggttcgccg	cgcgtccatc	cggtagcgaa	1560

gatgcgtaca	aaatctatag	cgaaagcttc	ctcggcgctg	agcatcgtca	gcagattgag	1620
aaagaagcgg	tagagattgt	cagcgaagtg	ctgaaaaacg	cgtaa		1665

&lt;210&gt; 3220

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3220

gtagtaaaat	tacaaacaaa	gcggtattat	tttaaccagg	tcacagattt	cacattttcc	60
ggagacggtt	tccggccaac	tacaggggag	aaaaatatgg	atctttataa	agagtttccg	120
gctcatatca	ttttcatgcg	tcgcactttc	gccgttggtg	ctggcggtgct	ggccctgccg	180
gtgatgctgt	tctggaaaga	tcgcgcacgt	ttctacagtt	acctgcacgc	cgtctggggcg	240
aaaaccagcg	agaagccggt	gtggatggat	caggccgaga	aagcaacctg	cgattttctac	300
tga						303

&lt;210&gt; 3221

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3221

gccgcgcctg	agcgtaccgg	cgggcagcgt	ggcgattggt	ggcgagcaaa	cggaatttta	60
tccgctcgct	tcaccgggag	gctggcagct	gattgggcac	acgtccacgc	cgttattcga	120
accaggccag	gacgcgcca	tactcctgcg	tccgggggat	acgtcgcgct	ttatccccga	180
gaaggaggga	gtatgttaac	gcttattcgc	gcagggtttt	acacctcggt	acaggatgcc	240
gggcgttttg	ggctgcgtca	gtcgggcgtg	agctactgcg	gtgcgcttga	tcgtccctcg	300
ctggagattg	ccaacctgct	ggtaggtaac	gcaggcagca	cggcgggcgtt	agaaattacg	360
ctgggtcagt	gcgtgattga	gtttggtcag	gaagcctggt	ttgccttaac	cggcgcgggc	420
tgtgacgcga	cgctggacgg	caaagcgggt	tggaccggct	ggcgccctgcg	ggcgaaggcc	480
gggcagcgct	tgacgctcaa	gcgtcctctg	cacggcgctgc	gtagctatct	tgcggtagcg	540
ggggggatcg	acgtgccgga	gggtgctgggc	tcattccagca	ccgaccagaa	agcggaatg	600
ggcgggccatg	aaggacggct	gctgcgcgac	ggcgatcgct	tgcaataaaa	gacctcaacg	660
cgccatttca	ccaccacgca	gggcgtgaaa	cagctgctgt	gggggaacgt	gatccgcgcc	720
ttaccaggac	cggaatacca	ggagtttgat	gaagccgcga	aagagtcttt	ctggcgctcg	780
ccgtggaaga	tcagcccgcga	gagtaaccgc	atgggttacc	ggcttcaggg	acagccgctg	840
acccgcacga	ctgaccggga	gctgctttcc	catggtctgt	tgccgggggt	gattcaagtg	900
ccaggcaacg	gacagcccat	cgtactgatg	aacgatgcgc	aaaccacggg	aggatatccg	960
cgtattgcct	gcattatcga	agccgatcgc	taccatctgg	cgcaaattcc	tctcggtcag	1020
ccaattcatt	ttgtgcagtg	ttcgctggag	gaggcactga	aagcccggca	ggatcagcag	1080
cgttatctcg	aacagctggc	gtggaggctc	gatggtaaag	attga		1125

&lt;210&gt; 3222

&lt;211&gt; 501

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3222

catttggaag	caatgttttg	catgacgcgc	agttatagaa	aaggaacgct	gtctgaccgc	60
catcgcatgc	cggaggaagg	aaacaataag	aacagcatgt	gggcgttatt	catgataaga	120
aatgtgaaaa	aacaaagacc	tgtcaatctg	gatctcaaaa	cgatccgatt	ccctgtaaca	180
gcaatagcgt	ccattctgca	ccgtgtttct	ggtgtgatta	cgtttggtgg	ggtcggtatc	240
ttgctgtggt	tactgggaac	cagcctctca	tcccctgaag	gattcctcca	ggcctcagcc	300
atcatgaaca	gcttcttcgt	gaaatttatc	atgtggggca	ttctgacgcg	gctggcctat	360
cacgtggttg	gtggcggttc	ccatatgctg	atggactttg	gctacctgga	agagacgttc	420
gaggccggta	aacgtaccgc	taacatttca	tttgtgatca	ctgtcgtgct	ttcacttctc	480
gcaggagttc	tcgtatggta	a				501

&lt;210&gt; 3223

&lt;211&gt; 1434

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3223

tggaacaattg	ccaggagttt	tatgcccacc	catctggttt	ggtttcgcgc	ggattttacgc	60
attcacgaca	acttcgctct	cgcggcggcc	tgccgcgcta	aagacgcgaa	tgtgctggcc	120
ctgtttatcg	ccacgcctga	acagtggcgg	cagcatgaca	tggcgccccg	gcaagcggca	180
ctgctcagcg	cgtatctgaa	tgacctgcaa	cattcactgg	ccgaaaaagg	cattccgctg	240
atctataaa	aggcccatga	ttttgccgct	cagcgtcaga	cggtgcaggc	aatctgccag	300
cagtacgcag	taacgcctct	ttattacaac	tatcagtatg	aattcaacga	gcagcagcgg	360
gatcgtcagc	tggagaaatc	ccttgcgggc	gtggtctgtg	aaggctttga	tgacagcgtg	420
atgctcgcgc	ctggcagcgt	aatgaccggc	agtcacgaga	tgtataaa	tttcacgccg	480
tttaaaaaatg	cctttatcaa	acgcctgaaa	gagggactac	ctgagtgtgt	taccgccccg	540
tccgtgagag	gggaaacgat	aacggatctg	ccggcgatca	ggctgaatta	tccccagcag	600
tcgttcgatg	aaacagtatt	ccccgccagc	gagaaagcgg	ctatcgcccg	gttgcgtcag	660
ttctgcgcgc	agggggcggt	tgagtacgag	gcgcgtcggg	attttccagc	gattgaaggc	720
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gaactgatct	ggcgtgagtt	ctatcgccat	ctgatgacgt	atcatcctga	tttgtgtaaa	900
catcggccct	ttattcggtg	gaccgaacag	gtacagtggc	agtcgaatga	gaagctgctt	960
aaggcatggc	agcatgggct	taccggcttc	ccgattgttg	atgcagctat	gcggcagctc	1020
aatgaaaccg	ggtggatgca	taaccgtctg	cgatatgatta	ccgcagctt	cctggtgaag	1080
gatctgctta	tcgactggcg	aaccggagag	cgttatttta	tctctcagct	gatcgatggc	1140
gatctggcgg	cgaataacgg	cggctggcag	tgggcggcct	ccaccggaac	ggatgcggct	1200
ccctattttc	ggatcttcaa	tccgaccacg	cagggacaac	gatttgacgc	cgacggcgag	1260
tttatccgcc	gctggetgcc	tgagcttaag	gatgtcccg	ccaaagccat	tcatgaaccc	1320
tgggtatggg	cggataaaca	gcgtgttacc	ctgaactatc	cccgtcccat	tgctgaccat	1380
aaacaggcgc	gcgtcgccac	gctggcggcg	tacgaagccg	cccgaagagt	ttga	1434

## &lt;210&gt; 3224

## &lt;211&gt; 657

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3224

gtgcagcgag	cgcggttgta	tcttctgggt	gaaaccgcag	tggttctgga	acttgagcct	60
ccggtgacgc	ttgccacgca	aaagcgtatc	tggcgtctgg	ctcagcgact	gcccagacta	120
cccggcgtgg	ttgaagctat	tccgggtatg	aataatatca	ccgtgggtgct	gcgtgatccg	180
cacacggggg	cgctggatgc	cattgagcgt	ctgcaacgct	gggtgggagga	gagcgaggcg	240
ctggagccgg	aatcgcgcac	gattgagatc	ccggttgtct	atggcggcaa	gggaggcccc	300
gaccttgggc	tgggtggcga	gcactgtgga	ttaacggaga	agcaggttgt	ggagctgcat	360
agctcagtcg	actatgttgt	ctggtttttg	ggatttcagc	cggttttccc	ttatctgggc	420
gggttatcgc	cccagctgca	taogccgcgc	cgggctgagc	cgcgccctgag	cgtaccggcg	480
ggcagcgtgg	cgattgggtg	cgagcaaacg	ggaatttatc	cgctcgcttc	accgggaggc	540
tggcagctga	ttgggcacac	gtccacgccg	ttattcgaac	caggccagga	cgcgcccata	600
ctcctgcgtc	cgggggatac	gctgcgcttt	atcccgcaga	aggagggagt	atgttaa	657

## &lt;210&gt; 3225

## &lt;211&gt; 792

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3225

aagcccggca	ggatcagcag	cgttatctcg	aacagctggc	gtggaggctc	gatggtaaa	60
attgatttaa	acgccgatct	gggagagggc	agcagcgccg	atgcggcgct	gatgacgctg	120
gtctcctcgg	tgaatatcgc	ctgcgggttt	catgccggcg	atgcgcagac	catgctggcg	180
agcgtgcgca	atgccatgaa	aaacggcggtg	gcgataggcg	ctcaccgccag	ctttccggac	240
cgggaaaact	ttggccgcac	ggcgatggat	ctgccgcctg	agacggttta	cgcgcaaattg	300
ctctaccaga	tcggcgcgct	ggaggcgata	gtgcgcgctg	agaatggcgt	gttgcgccac	360
gtcaagccgc	acggcatgct	ctataaccag	gcggcgaaag	atccgggtgct	ggcggatgcc	420
attgcccgcg	cggtgcgga	ctgcaatccg	cgtctggtgc	tgggtggcct	ggcggcgagc	480
gagcttatct	gtgccggcga	acggctgggg	ctgagcacgc	ggcaggaagt	gtttgccgat	540

cggggataacc	tgccggacgg	cagcctgggt	ccgcgcacgc	gggccgggtgc	gctgatcacc	600
gacgaaggta	aagcgctggc	gcagacgctg	gagatgggtgc	gcttcggggcg	agtaacctca	660
acggagggta	caacggcaaa	cggttcaggct	gatacgggtgt	gcttacacgg	tgacggcgag	720
catgcgctcc	agtttgcgcg	acgcctgcgcg	gcggcggttct	cggaagaggg	cattgtttgtc	780
agcgcagaat	aa					792

&lt;210&gt; 3226

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3226

aaggacaata	acatgccaga	aggtccggag	atccgcgcgcg	cgccgggatag	cctggaggcg	60
gcgataaagg	gcaaacctct	gacacacgtc	tggtttgcc	ttcctcaact	caagccgttt	120
gaatcgcagc	tggtggggca	gacggtgacc	cacattgaaa	cgccgggcaa	agcgttactc	180
accactttt	cccataacct	gacgttatac	agccataatc	agctttacgg	cgtctggcg	240
gtggtggagg	cggacgagca	gccgcaaacg	accgcggtgc	tgcgagtgcg	gctacaaacg	300
gcggataagg	cgatcctgct	ctacagcgcc	tctgatatacg	aaatgttaac	gccagagcag	360
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gcgagcgatg	tgaagacccg	actgctatcg	cccacattcc	gcaaccggca	gttttccggg	480
ctgttgctcg	atcaggcatt	tctggcaggg	ctgggaaact	acctgcgggt	ggagatcctc	540
tgggaagtcg	ggctggcacc	gcagcacaaa	gcgtcgcagt	tgagcgatga	acagcttgag	600
gcgctgtccc	acgcgtgct	ggacatccc	cggtgtgct	acaacacgcg	cgcatggtg	660
gatgagaaca	agcatcacgg	ggcgtgttc	cggttcaagg	tgtttcatcg	ggcggggaag	720
aagtgcgagc	ggtgcggcgg	gattatcgac	aggattatgc	tctcttcgag	acccttttac	780
tggtgtccac	attgtcaaaa	ataa				804

&lt;210&gt; 3227

&lt;211&gt; 1860

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3227

accgctggcg	attcgccttc	cgctgcaact	gattattggt	gttgctctgc	tggtttacgt	60
catttatgga	tttgttgtgg	tgtgggggtg	gtaatgaaac	tgccagtcag	agaatttgat	120
gctgttgtga	ttggtgcggg	tggcgcagg	atgcgcgcgc	cactgcaa	ttcccagagc	180
ggccagacct	gtgcgctgct	ctctaaagta	ttcccgaacc	gttcccacac	agtgtctgcg	240
caggggcggt	tcaccgttgc	gctgggta	ttcccatga	ataactggga	atggcacatg	300
tacgatacgg	taaaagggtc	cgattacatc	ggtgaccagg	atgccatcga	atatatgtgt	360
aaaaccggcc	cggaaagcgt	tctggagctg	gaccacatgg	gtctgcgctg	ctcccgtctg	420
gaaaatggca	ccatctatca	gcgtccgttt	ggcgccaggt	cgaaaaactt	cgccggcgag	480
caggcggcac	gtaccgcagc	ggcggctgac	cgtaaccggc	acgcgctgct	gcacacgtta	540
tatcagcaga	acctgaaaaa	ccacaccacc	atcttctccg	agtggatgc	gctggatctg	600
gtgaaaaacg	ccgatggcgc	cggtgggggt	tgtaccgccc	tgtgcacga	aactggtgaa	660
gtggtctact	tcaaagcccg	cgctacgggtg	ctggcgaccg	gcggtgcagg	ccgtatttac	720
cagtccacca	ccaacgccc	catcaacacc	ggtgacgggtg	tcggtatggc	tatccgcgcg	780
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gcgcgttcca	tcatgatcga	aattcgtgaa	ggccgcgggt	gtgacggccc	ttgggtcca	1020
cacgcgaagc	tgaactcga	ccatctgggt	aaagaagtgc	tggaaatccc	tctgcggggc	1080
attctggagc	tgtccgcgac	cttcgcgcac	gtcgaccggg	tgaagagacc	aattccgggtt	1140
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accgtgaacg	agcagggcga	agacgtggtc	atcccaggcc	tgttcgcgggt	aggcgaaata	1260
gcctgcgtat	ccgtgcacgg	cgcaaaccgt	ctgggcggca	actccctgct	ggacctggtg	1320
gtatttggtc	gtgcgggtggg	gctgcatctc	caggaatcta	ttgccgagca	gggcgcgctg	1380
cgtgatgcga	ccgacgacga	aatcgatgcc	tctcttgagc	gcctcaaccg	ctggaacggc	1440
aaccgtaacg	gcgaagatcc	ggtggaaatt	cgtaaaagcgc	tgcaagagtgc	tatgcagcac	1500
aacttctcgg	tattccgtga	agggcgacgcg	agggccaaag	ggcttgagca	gctgaaagcg	1560
attcgcgagc	gtctgaagaa	tgcccgtctg	gacgatacct	ccagcgagtt	caacaccag	1620
cgcggttagt	gccttgagct	ggataacctg	atggaaaccg	cgttcgccac	tgcaatgtcg	1680

gcaaacttcc	gtaccgaaag	ccgtggcgcc	catagccgct	tcgacttccc	ggatcgatgat	1740
gacgaaaact	ggctgtgcca	ttccctgtat	ctgccagagt	cggaaaccat	gacgcgtcgt	1800
agcgtaata	tggaaccgaa	actgcgtccg	gcgttcccgc	cgaagattcg	tacttactaa	1860

&lt;210&gt; 3228

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3228

tgcgagaca	ggataatgaa	actcgaattc	tcagttttatc	gttataaccc	ggatgtagac	60
gatgctccgc	gtatgcagga	ttacaccctc	gaagcggaag	aaggctcgca	catgatgctg	120
ctggatgcct	taatccagct	gaaagagaaa	gacctaaccg	tgctgttccg	ccgctcctgc	180
cgtgaagggg	tgtgtgggtc	tgacggtgtg	aacatgaacg	gcaaaaatgg	cctggcctgc	240
atcacgcca	tttctgcgct	aaaccgccct	ggccagaaaa	ttgttatccg	tcctctgcct	300
ggcctgccgg	tcgtgcgtga	tttggtgggtg	gacatggggc	aattctatgc	acaatatgag	360
aagattaagc	cttacttatt	gaataatggg	caaatccac	ccgctcgca	gcacttacag	420
tctcctgagc	agcgtgaaaa	actcgatggg	ttgtacgagt	gtattctctg	tgcatgctgt	480
tcaacgtcat	gcccgtcggt	ctgggtggaat	ccggataaat	ttatcgcccc	tgccgggtctg	540
ctggctgcct	atcgcttcc	gatcgacagc	cgcgataccg	aaaccgagaa	tcgtctggaa	600
gggctaagt	acgctttcag	cgtattccgc	tgccatagca	tcatgaactg	cgtcagtgtg	660
tgtcctaagg	ggctgaaccc	aacgcgcgcc	atcggccata	ttaagtcgat	gttgttgacg	720
cgagtgcggt	aa					732

&lt;210&gt; 3229

&lt;211&gt; 1260

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3229

cgcgctgaac	gtcgattaat	taaaggatac	ataatgagta	gcgtagatat	tcttgttccc	60
gacctgcctg	agtcgtagc	agatgcaacc	gtcgccacct	ggcacaacaa	accaggcgac	120
gcggtaaccc	gtgacgaagt	gctggtagaa	atcgaaactg	acaaagtggg	actggaagta	180
ccggcttcag	cggatggcat	tctggatgca	gtcctggaag	atgaaggtag	gaccgtcact	240
tctcgccaga	tcctgggtcg	cctgcgtgaa	ggtaacagcg	cgggcaaaga	gtccagcgcc	300
aaatctgaag	aaaaagcgtc	taccccggcc	cagcgccagc	aggcgctctc	gtccgatcag	360
accaacgacg	cgctcagccc	ggcgatccgt	cgctgctgg	ctgagcacag	cctcgatccg	420
gcagccatca	aaggcaccgg	cgtgggtggc	cgtctgacgc	gcgaagacat	cgacaagcat	480
ctggcaaaa	cgcttctga	ggcgaaagcg	gaagcgaaag	cccctgcggc	agcaccagcg	540
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&lt;210&gt; 3230

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3230

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ggcttcaccg	gtagccagg	gactttccac	tccgaacagg	caattgccta	cggtacgcag	180



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&lt;210&gt; 3231

&lt;211&gt; 1686

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3231

caggaaacga	agatgaaagc	tgtatctcgc	gttcatatca	cgccacatat	gcactgggac	60
cgggagtggg	acttcaccac	cgaagcgta	cgtattcttc	tggtaataaa	tatggaagag	120
atccttaccc	gtcttgagca	ggacgcagag	tataaatact	acgttctcga	cggccagacg	180
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gtggcggccg	ggaagctgat	tatcggggcg	tggatatacc	agacggacac	cacccttgct	300
tccggcgagt	cgattgtccg	aaatctgatg	tacggcattc	gcgactgtct	ggcctttggc	360
gagccgatga	aaattggcta	tctgccggac	tccttcggca	tgtcttccca	gctgccacac	420
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agcaga						1686

&lt;210&gt; 3232

&lt;211&gt; 834

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3232

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aagccgcccc	aaaagtttga	gagaatgatg	atgaaaaaca	gtgaactgga	acgcctgatt	120
aacgaaaaac	tcaacacggc	ttcgttttag	gactacggcc	cgaatggctt	gcaggtggag	180
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ggcgaactgt	cgatgccggg	tccgggtctg	gagctggcct	cgtggatcga	agcgcgcctg	540
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tgcaccggcg	gcgccagggg	ctttattgac	agcgcggcgc	gttttggtgt	cgacgccttc	660
attaccggcg	aagtctccga	gcagactatc	cactcagccc	gtgaacaagg	cctgcatttt	720
tacgcggcgg	gccatcacgc	caccgagcgt	ggcggcatcc	gcgcctcag	cgagtggctg	780
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&lt;210&gt; 3233

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3233

catttcattt	gtgatcactg	tctgtctttc	acttctcgca	ggagttctcg	tatggtaagc	60
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gttaaaccgc	tggcgattcg	ccttcgctg	caactgatta	ttgttggtgc	tctgctgggt	360
tacgtcattt	atggatttgt	tgtggtgtgg	ggtgtgtaa			399

&lt;210&gt; 3234

&lt;211&gt; 2817

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3234

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tcaaaccaga	gctggataga	acagctctat	gaagacttct	taaccgatcc	tgactcagtg	120
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&lt;210&gt; 3235

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3235

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&lt;210&gt; 3236

&lt;211&gt; 1929

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3236

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&lt;210&gt; 3237

&lt;211&gt; 1695

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3237

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&lt;210&gt; 3238

&lt;211&gt; 2067

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3238

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&lt;210&gt; 3239

&lt;211&gt; 588

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3239

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&lt;210&gt; 3240

&lt;211&gt; 2688

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3240

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&lt;210&gt; 3241

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3241

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&lt;210&gt; 3242

&lt;211&gt; 2214

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3242

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&lt;210&gt; 3243

&lt;211&gt; 750

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3243

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<210> 3244  
 <211> 1221  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3245  
 <211> 693  
 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3247

&lt;211&gt; 531

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3247

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&lt;210&gt; 3248

&lt;211&gt; 600

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3248

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&lt;210&gt; 3249

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3249

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<210> 3250

<211> 807

<212> DNA

<213> Enterobacter cloacae

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<210> 3251

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 3251

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<210> 3252

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 3252

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&lt;210&gt; 3253

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3253

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&lt;210&gt; 3254

&lt;211&gt; 2112

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3254

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2112

&lt;210&gt; 3255

&lt;211&gt; 2025

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3255

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&lt;211&gt; 579

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3256

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&lt;210&gt; 3257

&lt;211&gt; 1482

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3257

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gacagggaga	atcagcgcgt	cgaaactaac	ccgcagaccc	agtcagatga	caataccgac	1440
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&lt;210&gt; 3258

&lt;211&gt; 294

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3258

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aaacgggtca	gcttcgatga	ggccacgatg	tgggttgaac	tcaacgacgc	ccgtaccatc	120
ggtgtgccgc	tggcattggt	tccacgcctg	ttgcatgctt	caactgaaca	gcttaacagc	180
tatgaactga	gtccccgtgg	tatccactgg	gacgcgctgg	acgaagacat	ttctattgcg	240
ggtttgcttg	aaggccgcgg	cgatgtgacc	catcgtcccc	ataaagtagc	ctga	294

&lt;210&gt; 3259

&lt;211&gt; 1518

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3259

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gagcggttgc	gccgacgcaa	tcaggacgtt	tcaggacagg	tgaatgaggc	cgttaatggt	360
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gataccagca	ccagtggcgg	tatcggtctg	atctcggatg	aaaacgggat	cccgtgcatt	1140
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gccggtgcg	cgggtgaagc	gatgagccag	gggcagtaca	ccacgcagaa	caacgtgaat	1260
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aacggcggac	tggactga					1518

&lt;210&gt; 3260

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3260

tttgaggggc	gagttatgcc	aattccttta	gaacagacga	tgtgttgga	taaaagtctg	60
cagaaaaatt	cagcaaacac	accggttttg	atgatggcgg	ctatcgccag	acttacaggt	120
agcaatccat	cactggcatg	cgttcggttg	tttggatgat	gggtttcatg	tggtttccct	180
tctccggcac	aggattatgt	cgaaaaacgt	ctttccctcg	atgacctttg	catccgctat	240
ccggaaagta	cctatctggt	gcgagcagag	ggggattcga	tgcttaatgc	cgggattaaa	300
gacggtgatt	tactaatagt	gaggtat				327

&lt;210&gt; 3261

&lt;211&gt; 1428

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3261

ggtttcatga	tgagtaaagt	caaacaaaca	gatatcgatc	agctgatcgt	cctggtcggc	60
ggacgcgaca	acatcgccac	cgtcagccat	tgcattaccc	gcctgcgctt	cgtgctgaac	120
gatccggcca	aagccaaccc	gaaggccatt	gaagagcttt	ccatgggttaa	aggctgcttc	180
accaatgccg	ggcagttcca	ggtggtgatt	ggtaccgaag	tgggcgatta	ctatcaggct	240
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cagaatatga	aatggcatga	gcagctgatt	tcccattttg	cggagatctt	cttcccgtcg	360
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tggcaggtat	ttgcgctggc	gatggcgggtg	gcgattatca	tcccaatggc	gctgactacc	1380
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&lt;210&gt; 3262

&lt;211&gt; 1695

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3262

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cttcctcact	ggtggcagaa	cggcgtcatc	tatcagatttt	acccaaagag	tttccaggat	120
accaccggca	gcggcacggg	cgatctacgc	ggcgtaacgc	agcgctgga	ctacctgaaa	180
accctcggca	ttgacgctat	ctggctgacg	ccgtttttata	tctcgccgca	ggtggataac	240
ggttacgacg	tggcgaacta	cactgccatt	gacccgacct	acggcacgct	ggacgacttt	300
gacgaactgg	ttgcccgggc	gcatgaacac	ggtatccgca	tcggtgctgga	tatggtcttt	360
aaccacacgt	ccacgcagca	cgcttggttc	cgcgagtgcg	tggataaagc	gagtcctgtac	420
cgccagttct	atatctggcg	cgacggtacg	ccggatacgc	ttcccaacaa	ctggcgctcc	480
aaatttgggc	gcaacgcctg	gcgctggcat	gccgaaagcg	aacagtatta	tctgcacctg	540
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aaagtgtgcg	agttctgggg	cgatcgcggc	tgggacggct	tacgtctgga	cgatcatcaac	660
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gtgataagca	actacccegc	ccctcacacc	tcaatgcttc	gtccgtttga	agccgtgtgg	1680
tggctaaagc	agtaa					1695

&lt;210&gt; 3263

&lt;211&gt; 483

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3263

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cccgccaccc	gctgtacct	gtttgtatca	ggctgcgttc	acgagtgcgc	cggctgctac	120
aacaaaagca	cctggcgct	gaactcgggt	atgccgttta	ccgtgagat	ggaagaccgc	180
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cagcagatgg	aagtgggtgga	tctaattaac	gtcctggtcg	acggcaagtt	catgcaggat	420
ctaaaagatc	ctatgcttat	ctggcgcggc	agcagcaacc	aggttgtgca	tcatctgcgt	480
tga						483

&lt;210&gt; 3264

&lt;211&gt; 588

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3264

ctggtaacat	tagcctcttt	ttttaaggag	cctgacatga	ctaagcagcc	cgaagactgg	60
ctcgacgacg	ttcccggtga	tgacatcgaa	gacgaagatg	atgagatcat	ctgggtcagt	120
aaaagtga	ttaaacgtga	cgccgaagag	ttaaaaaagc	ttggcgcgaga	aatggtagaa	180
ctgggtga	atgcgctgga	taagatcccg	ctcgaccagg	atctgcgtga	tgccattgaa	240
ctggcacaga	aatcaagaa	agaaggcgct	cgccgccagc	ttcagcttat	cgggaaactg	300

ctgcgtcagc	gcgacgtgga	gccgatccgt	caggcgctgg	acaaactgaa	aaaccgccac	360
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ggtgatgacg	cggtagctga	agtgtgaac	ctgtggccga	atgccgaccg	ccagcagctg	480
cgttctttga	tccgtaacgc	gaagaaagag	aaagaaggga	ataagccgcc	gaagtcagcg	540
cgtctgattt	tccagtatct	gcgcgagotg	tctgagaacg	aagagtaa		588

&lt;210&gt; 3265

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3265

cccgtgcgaa	tgggcgcaaa	aaaacaacgc	caccttacgg	tggcgttgct	gtttttcaga	60
actggtctct	gtctaaccag	ttaccgcttt	caatcagcgt	taaccgctcg	accgaacggt	120
ggtacacgta	catccatgca	ctgccgtaag	gcgtctggat	caactggcga	gcgtattcac	180
cgcctctggt	gcgcaaggca	tcaagttcgg	ccagcgtggc	attatcaata	cgataaacct	240
caccctgtac	cgttccgctt	cccggaaactg	cgcttgata	gtggcccaga	ctgtacaact	300
ggtagttttc	gattgtgtaa	tttcccagca	actgggcgtt	ggcatccag	tggctgttgc	360
cttgccctggt	tcgtaaactg	ccgtaaacaa	atattcgcat	tgctaaaact	caaactgata	420
gagcagatca	agtgcctggt	ctacgccgga	cactgcttcc	agatatag		468

&lt;210&gt; 3266

&lt;211&gt; 567

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3266

ggaaacacca	tgaccctacg	taacctcctg	gtagcagctt	gcctgttgct	gccgctgatg	60
gcttccgcac	ataacattga	aaaaggacaa	cgtgtcccg	cggtcggcat	tgctgaccgg	120
ggagaattga	ttctcgacaa	tgataagttt	agctacaaaa	cctggaatag	cgcgcagctt	180
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gctaccctcg	tggaggcgat	caaggccgca	aaactcccg	acgatcgcta	ccagaccacc	300
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cgcgtagagt	gggttaaaga	cggcgcgctg	acgcaggatg	aggtgcagca	ggtggttgcc	540
ctgctgcata	agctgctgac	tcagtaa				567

&lt;210&gt; 3267

&lt;211&gt; 2073

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3267

acaattccgc	tatctgtgaa	gcaattctgg	tttcagcgcc	cttttttctg	gcagcattca	60
cactttctgta	agcaacaaat	actacatata	tattcttttg	tggtttggat	cgaaaaaagg	120
actcctcaga	tgattaagtt	tagcgcaacg	ctcctggcaa	cgtctgattg	ggcaagcgtt	180
caggcagcga	cggtagctct	ccgtattctg	gaaaccaccg	atctgcacag	caatatgatg	240
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gagaactccg	tgtactatct	cagccaggtg	ccgggcgtgg	atgcgatcct	gtttggtcac	900
gcccatgccg	tcttcccggg	caaagatttc	gctgatatac	aaggcgcgga	catcgaaaaa	960
gggacgctca	acggtgtgcc	atcgggtgatg	ccgggcgatg	ggggtgacca	ccttggcgtg	1020



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gcgtttatca	aggataaggc	gcagtatccg	atgcaaaagg	tcgcgacgga	tgatattggg	2040
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&lt;210&gt; 3268

&lt;211&gt; 2151

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3268

aatggagtga	tcatgacacc	gcatgtgatg	aaacgtgatg	gctgtaaagt	gccgtttaaa	60
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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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caacaggact ga

672

&lt;210&gt; 3272

&lt;211&gt; 1341

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3272

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&lt;210&gt; 3273

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3273

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&lt;210&gt; 3274

&lt;211&gt; 2940

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3274

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&lt;210&gt; 3275

&lt;211&gt; 834

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3275

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&lt;210&gt; 3276

&lt;211&gt; 1053

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3276

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&lt;210&gt; 3277

&lt;211&gt; 1209

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3277

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tcaccttaa						1209

&lt;210&gt; 3278

&lt;211&gt; 774

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3278

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agcaaagcgg	atgactcccc	ggtgacggcg	gcggatatcg	cggcgcgatgc	agtgatcctg	180
aaagggtttgc	aggccctgac	gccggatatt	ccggtccttt	ctgaagaagc	gccccagagc	240

tgggatgaac	gtcagcactg	gcagcggttac	tggcttgtcg	acccgctgga	cggcacgaaa	300
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gcggtactgg	gcgtgggtta	tgccccgggtg	atgaagggtga	tgtacagcgc	ggcgggaagg	420
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&lt;210&gt; 3279

&lt;211&gt; 1860

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3279

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&lt;210&gt; 3280

&lt;211&gt; 1089

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3280

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gagcgataa						1089

&lt;210&gt; 3281

&lt;211&gt; 1623

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3281

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tga						1623

&lt;210&gt; 3282

&lt;211&gt; 1377

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3282

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&lt;210&gt; 3283

&lt;211&gt; 1176

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3283

tacccgcggg	cgctccggcg	cccgccctat	caggagaacc	ccatgtttga	tttactcctg	60
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gccgcgacag	gcgacattaa	cgctcccgcc	cgcaaaacgg	ttgagcttaa	cggtgatgtg	180
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&lt;210&gt; 3284

&lt;211&gt; 1923

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3284

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&lt;210&gt; 3285

&lt;211&gt; 354

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3285

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gacgggttaa	cgctgattga	aagcggtaac	tggttagaca	gagaccagtt	ctga	354

&lt;210&gt; 3286

&lt;211&gt; 1104

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3286

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 aatcgcaaag gcagcgcgtc gtctaccgat ctacgccgg atgccatcgc ccgtacgggtg 360  
 caggcggcgc tggatatcgc gcgttacacc tcccggatc cttacgctgg cgtggccgat 420  
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&lt;210&gt; 3289

&lt;211&gt; 390

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3289

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&lt;210&gt; 3290

&lt;211&gt; 1140

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3290

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&lt;210&gt; 3291

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3291

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&lt;210&gt; 3292

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3292

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&lt;210&gt; 3293

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3293

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&lt;210&gt; 3294

&lt;211&gt; 249

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3294

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&lt;210&gt; 3295

&lt;211&gt; 2349

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3295

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&lt;210&gt; 3296

&lt;211&gt; 585

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3296

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&lt;210&gt; 3297

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3297

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&lt;211&gt; 2469

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3298

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3304

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&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;210&gt; 3306

&lt;211&gt; 1677

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3306

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&lt;210&gt; 3307

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3307

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&lt;210&gt; 3308

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 <212> DNA  
 <213> Enterobacter cloacae

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 gttacactgt gcgctacgta ttgtgcgcaa agacagttaa ccggcattaa aggctgcacc 180  
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 gaccgcagcg agaatgcgga ctatcagtac aataaaaagc gactgcgcga aatcgatcgc 360  
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 ctgcgttttc gtatcgtcgg ctatgatgaa attttcggtc gtaaggatta catttctatc 540  
 gattcaccaa tggcccgcgc cctgctgaaa aaagaggtgg gcgatttagc cgttgtccag 600  
 acgcccgcag gtgaagcaag ctggtacgtc aacgaaatcg tgtatgttaa atag 654

<210> 3309  
 <211> 2418  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3309  
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 ggtgaacttc aggccagagc cgaacaggta gaagctgccg ttcgcctgct tgatgaaggg 180  
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&lt;210&gt; 3310

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3310

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&lt;210&gt; 3311

&lt;211&gt; 1200

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3311

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&lt;210&gt; 3312

&lt;211&gt; 1350

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3312

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&lt;210&gt; 3313

&lt;211&gt; 486

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (350)

&lt;400&gt; 3313

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&lt;210&gt; 3314

&lt;211&gt; 642

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3314

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&lt;210&gt; 3315

&lt;211&gt; 1104

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3315

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&lt;210&gt; 3316

&lt;211&gt; 873

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3316

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ttcagcccg	ccgagcaggc	tcgtctggct	gagatggcgg	aaaagctggg	cagcaaaaaga	720
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aagcattttc	aggtaaaagt	gcggcgtagc	attagcagca	acggcggcac	acgtaaaaag	840
gtggacgaac	ttctggcgct	ttatcgaccc	tga			873

&lt;210&gt; 3317

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3317

acacattttca	aggagatgcg	gatgaaacag	tttttgattg	ccccctcaat	tctgtcggcc	60
gattttgccc	gcctgggtga	agacactgcc	aaagctctcg	cggctggcgc	ggatgtcgtc	120
catttcgacg	ttatggataa	ccactacgtt	cccaacctga	ccatcggtcc	gatggtgctt	180
aaagcgctgc	gtaactacgg	gatcaccgcg	cccattgacg	tgcatctgat	ggtgaaaccg	240
gttgaccgca	tcgtacccga	tttcgccgcg	gcgggtgcc	gcatacatcac	tttccaccgc	300
gaagcctccg	aacacgttga	ccgcacgcta	cagctgatca	aagagaacgg	ctgtaaggcg	360
gggctggctc	ttaaccggc	gaccccgctg	agctatctcg	actacgtgat	ggacaagctg	420
gacgtgatcc	tgctgatgtc	cgtcaacccg	ggctttgggtg	gtcagtcatt	tatccctcag	480

acccttgaca	aactgcggtga	agtgcgcgcg	cgtatcgatg	agtctggcta	tgatattcgt	540
ctggaagtgg	acggcggcgt	gaaggtcaat	aacatcggtg	agattgcggc	ggcaggggcg	600
gatatgttcg	tgcagggctc	cgccatcttc	gatcaaccgg	attacaaaaa	agtcattgat	660
gaaatgcgcc	gtgaactggc	gaaggttaagt	catggataa			699

&lt;210&gt; 3318

&lt;211&gt; 252

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3318

tggcggtgcc	gttttccacc	agtgcgaccg	gcatactctgc	ttccatgccg	tgctccagca	60
gtttcgccgtg	aatcgtggct	gcctgattta	gccccatgta	gaagaccagc	gtctgctttt	120
cagcgccag	attatgccag	tccagctcgc	tgccggtttt	caggtggccc	gtcaccaggc	180
gcacgctctg	ggcatagtcg	cgatgggtta	acggaatgcc	ggaataggca	gaacagccgg	240
atgccgcctg	aa					252

&lt;210&gt; 3319

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3319

ctgatgaaga	cgctgtggtg	gcagaccgtt	gggacgggaa	attgtcatct	tgtgctgctg	60
cacgatggg	gactgaacgc	cgaagtgtgg	cgttgcataa	gtgaggaaact	ggcctcgcaa	120
ttcacggtac	acctggtgga	tctaccgggc	tatggccgta	gccacggcta	tggcgcgatg	180
acgcttgacg	acatggcgga	gcaggttctg	gaagcgggcg	cgcaaaaagc	cgtctggctc	240
ggctggagcc	tgggcgggct	ggtggttaagc	cagattgcgc	tgcgccatcc	tgagcgggtc	300
caggcgctga	tcaccgttgc	ctcatcacc	tgtttcagcg	cccgcgaggc	gtggccgggc	360
attaaaccgg	aggtgctggc	cgggttccag	catcagctga	gcgaagactt	ccagcggacg	420
gtggagcggt	ttctggcgct	acaaaccatg	ggaacagaaa	ccgcccgta	ggacgcacgg	480
acgctgaagc	agacggtgct	ttctctgcgc	atgccggagg	ttgaggtgct	gaacgggtgga	540
ctggagatcc	tgaaaacggc	cgatctgcgc	gagccgctgg	cgtcgttaac	ggtgccgcat	600
ctgcgtatatt	atggctatct	ggatggactg	gttcgcgcga	aggtgggttc	gctgctggat	660
gcgctgtggc	cggagagtaa	atcaatggtg	gttgccaaag	cggcacatgc	gccgttcac	720
tctcatcctg	ctgagttttg	ttcggcgctg	tccggtttta	tcagcgaagc	gtccaccact	780
ccctga						786

&lt;210&gt; 3320

&lt;211&gt; 834

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3320

atatgctttg	taacaatttc	gtctagaatt	tataaccagaa	tttgctggtc	gaaccctgtc	60
acttttttag	aatacgtgtg	tccaggctta	tccgaacctt	tgggagtaca	cacaatgcaa	120
gagaactaca	aaattctggt	cgtagatgac	gacatgcgcc	tgcgtgcgct	gctggaacgt	180
tatctgaccg	agcagggctt	ccaggttcgt	agcgtcgcga	acgcggaaca	gatggatcgt	240
ctgctgacgc	gtgaatcttt	ccacctgatg	gtgttggaac	tgatgctgcc	tggcgaagac	300
gggctctcta	tttgccgcgc	tctgcgcagc	cagagcaacc	cgatgccgat	catcatggtg	360
acggcgaagg	tgaaagaagt	cgaccgtatt	gtcggccttg	agattggcgc	tgatgactac	420
attccaaagc	cgtttaaccc	gcgtgaactg	ctggcgcgta	ttcgcgccgt	gctgcgtcgt	480
caggcgaacg	aactgccggg	cgcgccatct	caggaagagg	ccgtcattgc	attcggttaag	540
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gacaagctga	tgaacctggc	gcgtggtcgt	gaatactccg	cgatggagcg	ttctatcgac	720
gtgcagatct	ctcgtctgcg	tgcgatggtg	gaagaagatc	cggcgcatcc	tcgttatatt	780
cagaccgttt	ggggtctggg	ctacgtgttt	gtcccggacg	gctctaaagc	atga	834

&lt;210&gt; 3321

&lt;211&gt; 591

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3321

agccagttca	cccagcaaag	acccgtcaag	atgaccaaac	ccttacaaaa	gcccaccatt	60
ctgaatgttg	aaaccgtcgc	gaaatcgcgt	ctgtttaatg	tcgaaagcgt	ggatctggag	120
ttcagcaacg	gtgtgcgtcg	tgtttatgag	cgtatgcgcc	cctcctcgcg	tgaagcgggtg	180
atgatagtgc	ctatcgtcga	cgagcacctg	atcctcattc	gtgaatacgc	cgtgggcact	240
gaatcctacg	agctgggctt	ctccaaagga	ctgatcgatc	cgggcgaaac	ggtgtttgaa	300
gcggcaaacc	gggagctgaa	agaagaggtc	ggttttggcg	cgaaagagct	gacgttcctg	360
aaaaagctga	gcatggcacc	gtcctatttc	tccagcaaaa	tgaacatcgt	tgtcgcggaa	420
gatctctatc	ctgaatcgct	ggaaggagac	gagccggaac	cgctgccgca	ggttcgctgg	480
ccgctggctc	atctgatgga	tttgctggaa	gatcctgact	ttaacgaggc	acgcaacgtg	540
agcgcactgt	tcttggtacg	agagtggctg	aaggggcagg	atcgtttgta	g	591

&lt;210&gt; 3322

&lt;211&gt; 534

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3322

ttacaccgtc	tccctggcgc	tggccatgag	cgaggcgccg	taatgagcat	gcccattctt	60
ttaccctggc	gtcggcagca	acgtaatcag	cgcttgcgtt	tctgggggct	gctgtttgcc	120
gcctcattgc	tggatgatgt	ggcgggtggt	ttcagtctgc	gggcgacgca	gtctctcgcg	180
ttacaggcgt	tgcagagcga	actggcgggg	actcgggcgg	tgcacaaagt	attgagagcc	240
cgtcagccgc	agtcagcggg	gctgaaaacc	ccttcgccgc	cgtctgatcc	ggcctggcaa	300
cccgcgctgg	aatcgcttgc	cagcgcaatg	ccccggcagg	cgtggctgac	ggcgtgctgt	360
tatcagccac	cctcgctgac	cctgaccggc	tataccactt	cactgccagc	gctcgcagcc	420
atgaccgatg	cgtgaaaaag	ggtgacggga	tttaaccccg	gaccggcagg	cgaactgcaa	480
caggatagcc	tggggcgatg	gatgttctct	tttaaactgc	atagccggag	gtag	534

&lt;210&gt; 3323

&lt;211&gt; 456

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3323

ccggtgggta	tctggtatca	acgctgggct	gatgcacgtc	cttcccggcg	cgtcctttgc	60
tggttgatcg	cgctgggggt	tgttgctggg	gcaatttggg	gactgctgct	caggcccgtc	120
gctctgcgtt	acgcgatgt	tcaggcgagc	gccatcagtg	cgaagcgaat	caacgcctcg	180
ctgtggccag	aggccggagc	gcaagcagtg	tttacgcaag	tgacgccctc	gcggcccttt	240
tctcccctgg	catttcagcg	tgaggacgca	aggctggtgt	actggaagcc	gcagcagagt	300
gggggagagc	tggcgctgga	tgctcatggt	ggcgcggttc	cggcgctctt	ttcccggctg	360
gcgcttgaga	acgtgcgggt	gagtgcgttt	tccatcatcc	cacagggcaa	acagttacgc	420
ctcagcctgc	aactggagat	cggtcatgcy	cagtaa			456

&lt;210&gt; 3324

&lt;211&gt; 315

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3324

cgaacggcgc	gagttagtgg	tgtttatcac	gccacgtctg	gtcagtattc	agtaatgggt	60
aacgatcccc	gcaatgattt	tgcattcagt	ttgttgacga	tgtttgacgt	ggggcatgaa	120
ttagcataca	aggagtaccg	atttgagttg	gacttacgtc	ttatttcctt	atgcgccggg	180
aacggtgatt	taatcagttg	ccaaacaagc	cggagtattg	agataatttt	tcgtctgact	240
ctcgctctat	tgcaaatgag	gtttcagttc	atgtcctgct	acgccgggtg	tctgcgcagc	300
ggggattacc	attaa					315

&lt;210&gt; 3325

&lt;211&gt; 765



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3325

gtcatggata	aattgcaggc	tattcggggg	gtagcatttg	acctcgacgg	cacgctggtc	60
gacagcgcg	caggattaac	cagcgccgtc	gatcaggcgc	tgtatgccct	tgaactcccc	120
gttgcaggcg	aagagcgcg	cgtgacgtgg	attggtaacg	gtgcagacgt	gctgatggag	180
cgcgcgctga	cctgggctcg	tcaggagcgt	gcctctcagc	gttccgcgca	aggtaaaccg	240
agtgttgacc	acgcggatat	tccccaggat	gagcagcagc	gtattctgcg	caaactgttc	300
gaccgtttct	acgaagagac	cgtcgaagag	ggcagcttcc	tgttcccgga	tgtcgctgaa	360
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ccgttcggtg	cgctctgct	ggaagcgctg	gatatcgcg	aatacttctc	cgtaattgtg	480
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aaattatcct	taacgcctgc	ggagctgctc	tttgctggcg	attcccgcga	tgatattctg	600
gctgccagag	cggcagggtg	cccgtcggtt	gggttgacct	acggctacaa	ctacggtgaa	660
gccattacgc	tgagtgagcc	ggacgttggt	ttcgaccact	tcaaagattt	gttgcccgcg	720
ctcgggctct	cgcacagtga	acatcaggaa	ttgaataatg	actaa		765

&lt;210&gt; 3326

&lt;211&gt; 501

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3326

aacagtgcga	aaccgacggt	aaaaccgggt	aacaccaccg	cccaactggat	gtgctgcttg	60
ccaaatttat	cgataagggt	agtggcaata	cgctgcgcgc	caccgcagtc	cgcgagcatt	120
ttaccgagca	tggcgccgaa	gcccattgat	agcgccaggc	tgccgagcgt	accgccgaca	180
ccggctttta	tggagctgat	aactttaacc	agcggcattc	cctgcatcag	accgactgca	240
agtgccacca	gaaccagagc	gataaatccg	ttcattttga	agcggatcat	caagagcagt	300
aataacacaa	caccgatagc	gacgatgaat	aatggcatga	ttgacctggc	ctttgaattg	360
ttatgggtta	cgtcatttgt	tcaacgacaa	attccgggtg	tcccaactgg	gaacagagtg	420
ttaacggcac	tcatactgat	gcctgcgaaa	acgttaagtt	tagtcgggctg	ttataagggt	480
gttgagtgcc	cacgagaatg	a				501

&lt;210&gt; 3327

&lt;211&gt; 1761

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3327

gaaatggaaa	accgtgagac	gttatccgct	ttaacgcgcg	tagccgtcgt	gctggcgggg	60
gctctacagg	gcgtaatttg	ctatgtaatc	acgtgggtata	tcgagtaacg	aaaattgcca	120
tcggatacgc	tgtggctgat	gtgtgtagta	cctgccaccg	tggtaatgac	aaccacgttg	180
tctcttgcca	tgacgtcatt	cagaaagcca	tttttgtggc	tgtcactcgg	gatgatcggc	240
gcggcagtcg	cgggtatggg	cggttggtt	aagtggagcg	ttgcaggact	cgaaagctgg	300
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gcgtatccgg	ttctggcggg	gtgggcgctg	tggctacgca	tttcgcaata	cggctgggtca	960
cccagcgcgc	tgtacggggg	attgataaac	atcgtggcgc	tggctctggg	gatcgggttt	1020
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tggcgaataa	gtgttgcaag	ccatatggcc	cgctatcagg	acggcagaat	aactgcggat	1200
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ctctccagga	atgctggcgg	agcaggtaag	atgaccgccg	cgatgctgga	aaaacaggtc	1380
cagctcgcac	cgggaatggc	tcatacctgat	aagacattgt	ggcaagccat	gctcagcaat	1440
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gcttacacac	aaactaacac	gggctggagg	atcgccgggg	acgcgtggaa	aatgccggag	1620
gcattgacca	gaggagaact	tgaccgcgca	ttaaggcaga	ggaaagtga	atctgtcgtg	1680
aagccctggg	cggatattga	gatttttggg	gagcgtgtcg	atatgagcta	cgacagttac	1740
aataatgcgc	agtggcggtta	g				1761

&lt;210&gt; 3328

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3328

agcatggctt	ttaaaacgtg	gcaaacaggt	attcatattc	aacaggataa	ggtggttgcg	60
gtagcgctga	ccagagagcg	ggccggatgg	cgtttacggc	gctggtgggc	ggtgccgctg	120
tcggacggcg	ttatcgggga	aggcaaaata	cttaagccag	aagagctggg	taacgcatta	180
cgtggctggc	ggaaaacatt	gccgcactcg	catcgggtat	tcctctcatt	tcgggcaacg	240
cgcgttctgc	aacgcgcggt	gccccgtcca	tcggttacct	tgcgtagacg	cgaacagctc	300
acctgggtag	gcgcgcgatt	agcgcgtgag	ctggagatgc	ccgccgatac	gctctgcttt	360
gactacgcgc	aggatacggt	cagcaaacact	tttcaggtta	ccgcagcgca	aaacagagag	420
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gatgccggtg	cgctggctaa	tcttctctct	gctgttgccc	ccgcccggtg	cgctgcctgg	540
agagatcagc	accagtggct	atgggcgatg	cgtcaccagt	gggggcggcg	ctacaccaca	600
gaagcggcga	cggtgaatga	actggcggcg	ctgcttgccg	tttcttcttc	tgatatcgcc	660
gtgtttgatg	ctgcccgcg	tccctgggaa	gcggtgacgc	tgtgccagcc	gccgctgccg	720
gaatgcgggtg	ctgattacac	cgtctccctg	gcgctggcca	tgagcgaggc	gccgtaa	777

&lt;210&gt; 3329

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3329

gtgcgttttc	catcatccca	cagggcaaac	agttacgcct	cagcctgcaa	ctggagatcg	60
gtcatgcgca	gtaaagcccg	tttagtcatc	ctgctttctc	cgcttttcct	gaccgggatg	120
cgggatccct	tctctgtgcc	ggaagagcgt	tgctcagccg	ggcagctcag	ccagtggcgg	180
tatcagggga	tagtcagcgg	cagcagggat	atcggcctta	tgaggagcgg	gcagaaacgc	240
ttgcaccggg	taaaaacgca	gatgcggtta	ccgacagcgt	ggcggtgag	cgcatagat	300
agacaacaac	tgaccgttga	tgctggcgat	atgtgcgagc	cgaagcgatg	gacatggcaa	360
cgagaaggaa	cgaaaaaaag	tgaagataag	gatagggtct	ttactggcgg	tactcagcca	420
gcccctgtgg	gccgcgacgc	caaaaccggt	caccctgctg	gtggatga		468

&lt;210&gt; 3330

&lt;211&gt; 1149

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (195)

&lt;400&gt; 3330

tgtcccgggtg	gtgcaaatat	tacaggcgct	ggtagcgag	gaggatcgca	atctggtggt	60
gtcgccggat	gtcagcggtt	cgctttcgct	gaatttaacg	cgggtgccct	ggaggcaggc	120
gcttcagacg	gtagtgaaca	gcgcggggct	ggtattgcgg	aagagggcgg	cattttttat	180
gtgcatacgg	cggcntggca	acgggagcaa	caaacgcgta	aagagcagga	gcgggcccg	240
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cgcaccaacc	gtttcctggt	cagggataac	cagacggtgg	tggatatgct	ccagcgctgg	420
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agtgaaaaa	gcctgcggtga	actgggggtg	aaatggaacc	tcgctgacgc	aacggaggcc	540
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cacgcagggt	ttaacatcgg	gcgcatacaac	ggcaggatgc	tggatcttga	gttgtcggcg	660
cttgagcaaa	agcagcaggt	ggatatcatc	gccagccgc	ggctgctggc	atcgacatg	720
cagccggcca	gcatacaagca	gggcagcgaa	attccgtatc	aggtttccag	cggcgagagc	780
ggggcgacat	ccgttgaatt	taaagaagcg	gtattaggca	tggaggtcac	gccggtggtt	840
ctgccgggtg	gtcgtgtgcg	cctgaaactg	catatcagtg	aaaatatgcc	cggccagggtg	900
ctgcaacagg	cagacggcga	aacgctggcg	atcgataagc	aggagatcga	aacgcaggtt	960
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gacggaaaag	ataacgaacg	gcgcgagtta	gtggtgttta	tcacgccacg	tctggtcagt	1140
attcagtaa						1149

&lt;210&gt; 3331

&lt;211&gt; 1290

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3331

atggatgaat	tcaaaccaga	agacgagctg	aaacccgatc	ccagcgatcg	tcgtactggt	60
cgttctcgct	aattcttcaga	acgtgataac	gagccgcaga	tcaactttga	cgtgtcgat	120
ctggatgcag	acgatcgctg	cccttcgcgt	agccgcaacg	cgcgcaatga	gcgtgaagac	180
gaggagtttg	aatccgaaga	agagttaatg	gatgaacagc	ctgttaaacy	tcgaccgcgc	240
aagcgtaaaa	aagcggtagc	ggcaaaaccg	gcctcccgct	agtacatcat	gatgggcctt	300
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&lt;210&gt; 3332

&lt;211&gt; 1008

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3332

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&lt;210&gt; 3333

&lt;211&gt; 1638

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3333

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&lt;210&gt; 3334

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3334

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<210> 3335

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 3335

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<210> 3336

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 3336

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cccgttctg	cccagtggtg	cccgggtggt	gaagggtgcc	ggtcactacc	gcagcgcgcc	780
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<210> 3337

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 3337

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&lt;210&gt; 3338

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3338

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&lt;210&gt; 3339

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3339

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catcaaccag	tgaataaa					618

&lt;210&gt; 3340

&lt;211&gt; 1884

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 3340

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## &lt;210&gt; 3341

## &lt;211&gt; 2028

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 3341

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&lt;210&gt; 3342

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3342

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&lt;210&gt; 3343

&lt;211&gt; 370

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3343

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&lt;210&gt; 3344

&lt;211&gt; 414

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3344

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------------	-----------	------------	------------	------------	------------	----



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&lt;210&gt; 3345

&lt;211&gt; 1155

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3345

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&lt;210&gt; 3346

&lt;211&gt; 516

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3346

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&lt;210&gt; 3347

&lt;211&gt; 1113

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3347

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&lt;210&gt; 3348

&lt;211&gt; 1434

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3348

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&lt;210&gt; 3349

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3349

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<210> 3351

<211> 630

<212> DNA

<213> Enterobacter cloacae

<400> 3351

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aacaagctga ttgccgacgc caccggccag ccgctggaga aagtgaagaa agacaccgac 540
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accattatg acgagctgaa cctggattaa 630

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<210> 3352

<211> 1017

<212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3352

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## &lt;210&gt; 3353

## &lt;211&gt; 279

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3353

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## &lt;210&gt; 3354

## &lt;211&gt; 477

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3354

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## &lt;210&gt; 3355

## &lt;211&gt; 612

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3355

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&lt;210&gt; 3356

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3356

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&lt;211&gt; 2112

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3357

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&lt;210&gt; 3358

&lt;211&gt; 1143

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3358

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&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3359

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&lt;210&gt; 3360

&lt;211&gt; 2235

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3360

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&lt;210&gt; 3361

&lt;211&gt; 510

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3361

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&lt;210&gt; 3362

&lt;211&gt; 1116

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (1113)

&lt;400&gt; 3362



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&lt;210&gt; 3363

&lt;211&gt; 1140

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3363

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caccggagcg	tgaccacgce	tgcgggccag	taccgcagct	caagcgacac	cggtaactgg	360
gtacagtccg	atggcaccat	gttctatccc	tacattggca	aagtgcacgt	cgcgggcaaa	420
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gtggtctatg	tcaccaccgc	gccggtcgcc	cgttggaacc	gtctgatcaa	ccagttgctg	1080
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&lt;210&gt; 3364

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3364

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ggcaagggtg	tgctgttttg	tcactgggat	ggtgagcgcg	aaattcccg	tccgtatcgc	360
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gcgcaggcac	tgaaagctca	gcagggataa				450

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 <211> 852  
 <212> DNA  
 <213> Enterobacter cloacae

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 ctgaacgacc cacgcgtgat gtacacgcac aacgctatca actccggggc gtgtgcggtg 240  
 cgcaaccagg cgattatgca ggcgaaaagg cagtatctga ccggtatcga cgacgatgac 300  
 gaatggacgc caaaccgctct gtcgatcttc ctgtcgcaca aagcgcagct ggtgaccac 360  
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 ctgccgctgt atccgaaatc accgtattcc cgacgcctgt tctacaagcg caacattatc 480  
 ggcaatcagg tgtttacctg ggcattggcg ttttaaggagt gcctgttcga taccgagctg 540  
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 aaggtggaag aggccacgca gatcctgcac atcaatcacg gggagatgca aatcacctcg 660  
 tcgccgaaga aattctcggg ctacttccat ttttaccgca agcacaagga caagtttgac 720  
 cgtgccagcc ggaagtatca gctcttcacc ctgtatcaga tccgtaacaa gcgcatgaac 780  
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 cgggggaaat aa 852

<210> 3366  
 <211> 1020  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3366  
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 gctgaggtaa atacaaaagg agagacaatg tacaccctga actggcaacc gccttacgac 180  
 tggctcgtga tgtttggctt tcttgccgcg cgtgcggtca cgggggttga gaccgttacg 240  
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 ccagacagcg caaccatac gcttgccgtg tcgctcagcc ctggcctgat cccggtggcg 360  
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 tacctctgct ttcctccgcc agaggtaactg gccgcggtgg atccgctggc gttgaaagcc 660  
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 ggtgaattcc cgtgtttccc gccgcgcaac gttgaggacg ggtgaaggc gctacagcag 780  
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 cagatccgtc gctacgccga gcgctggcag ccgtggcgat cgtatgcgct gttacatatt 960  
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<210> 3367  
 <211> 534  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3367  
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 ttctcgcagc acctgttcgg cgtgggtgcg atcttcaggc accatggccg catgccagag 180  
 ctgccagggt ggtttaatgt gcgtggggat ctcgtaacagc tcaaacatcc gcttatccca 240  
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 gagggtgata cgctccatca ggcgcttatt gaccactcgt gtctgtttca ggtcgttgat 360  
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<210> 3368  
 <211> 693  
 <212> DNA  
 <213> Enterobacter cloacae

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 attgccagta cgctttatcg cgaactacgt gaacaagtgg gtgatgagca tatcgggtgtt 180  
 attcccgaag atagctatta caaagatcaa tcccatcttt cgatggaaga gcgcgtaaaa 240  
 accaactacg accaccccag tgcgatggat cacagcctgc tgttccagca tctggaagcg 300  
 ctaaagcgcg gcgaggcaat tgagctgccc gtctacagct acgtggaaca taccgcacc 360  
 caggaaacga tccgtatcga gcccaagaag gtgattatcc ttgaagggat ttgctgctc 420  
 accgacgccc gtctgcgcga atcaatgaac ttctcgattt tcgtcgacac cccgctggat 480  
 atctgcctga tgcggcgtat caaacgcgac gttaacgaac gcggccgctc catggactcg 540  
 gtgatggcgc aatatcagaa aaccgttcgc ccgatgttcc tgcaatttat tgagccttcg 600  
 aaacaatacg ccgatattat cgtgcctcgt ggcggtaaaa accgtattgc cattgatatc 660  
 ttaaaagcga aaatcagtcg gttttttgaa taa 693

<210> 3369  
 <211> 1881  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3369  
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 aatatcaatc tcaggatgga gcaggacgcc aatcatcac ccaccatgga gttctccggg 600  
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 aaactgctcg ataagctgtg a 1881

<210> 3370  
 <211> 1308

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3370

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&lt;210&gt; 3371

&lt;211&gt; 1449

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3371

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ccggggatca	ccggtaaagt	ttttgtggcg	attttcgcca	cctgtatcgt	cctgctgatt	120
actatgcact	gggaggtgcg	ggtcagcttt	gagcgcggt	ttattgacta	catcaagcac	180
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 <212> DNA  
 <213> Enterobacter cloacae

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 aatgaagcgc atgccctggg caaaaaattc tacgtggtgg tgaacatcgc gccgcacaac 240  
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&lt;210&gt; 3378

&lt;211&gt; 1629

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3378

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&lt;210&gt; 3379

&lt;211&gt; 1452

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3379

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&lt;210&gt; 3380

&lt;211&gt; 1215

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3380

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&lt;210&gt; 3381

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3381

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&lt;210&gt; 3382

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3382

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agcggcgagc	gattccgcgt	tgaggtgttg	cccggggcgt	tgcaagtgcg	attgccgccg	900
gactgcgtgc	tgttgcgctg	a				921

&lt;210&gt; 3383

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3383

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&lt;210&gt; 3384

&lt;211&gt; 1392

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3384

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&lt;210&gt; 3385

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3385

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cgcttttatg	ctggcaggct	gtga				204

&lt;210&gt; 3386

&lt;211&gt; 1200

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3386

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&lt;210&gt; 3387

&lt;211&gt; 2532

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3387

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cgctggcgag	acataaataa	cgcagttcag	gtctgtat	cccccgagct	ggccgatata	360

ttcgcatttc	aggatgacgt	tcgtcacgct	ttaccggaaa	aagaggggatg	cgttgatttc	420
gccgccagac	cagacatcaa	atttactttt	gagcaaggca	gccagaccct	gaaagtaacg	480
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ggccgcgtct	ggctcggcgc	cgttgagcca	gaacagcagt	ttcgcgtagc	atggggcgac	2460
aaccaacagt	gtcgcttctc	gttaccttct	cacttagaaa	acagtatgca	gttgatactg	2520
ccgtgccagt	aa					2532

&lt;210&gt; 3388

&lt;211&gt; 771

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3388

gaaatcatca	tgaaattaac	gccgattaaa	agcctgtgcc	tgatgctgat	cagcacaaca	60
ttaccgccc	acgcggccat	taacctggac	cgcacgcgca	ttgtttttcc	agaaaagcgac	120
aaggccagca	gcctgaaagt	ggacaaccag	agcaaggcgc	tgccttatct	ggcgctctcc	180
tggattgaag	atgaaaaggg	gcaaaaagaa	gatgtgcact	ttatggcgct	ccccccatt	240
caacgtatcg	aagcggggcg	ctcgctcgag	gtaagaattg	ttaaacaagc	cgctaccgcg	300
cagttgccaa	aagacagggg	atcgctgttt	tatttcaacc	tgcgtgaagt	accgcctaaa	360
agcaccagcg	ccagcgagga	gcgcagcggt	atgcaggttg	ccatgcagag	ccgaatttaag	420
ctcttctggc	gtccggaagc	gattcgcaaa	aaatctggcg	aaactgactga	aatgcgtatg	480
gaaattaccg	ccaacgcgaa	agggtcacg	gtccacaacc	ctacgccgta	ctacatcacg	540
ctggcggtgg	tgagcaaaaa	tgccaaaacc	atgctgccgg	gttttgacag	tctgatgatt	600
gcgcctttcg	ccacggcaac	cgccctctacc	ggcgattacc	acggtagtta	ttacagcatc	660
ggctacatcg	acgattacgg	cgcaactgaaa	aaagtcgacg	tacagtgcac	cggaacgggtg	720
ctatgtaagc	ttaacgaacg	gaaaatcgat	aaagatgcga	aagctcacta	g	771

&lt;210&gt; 3389

&lt;211&gt; 600

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3389

gcgactgcat	ctcagcggtg	gcgatctgac	gcccgtcgcg	gaccatccgt	gggtcggcac	60
gctgctgttc	tatccggccc	gggaagcaca	tctcgacacg	gtgcgcgagc	ggctcgcccc	120
gctggaaaac	tttggcgggg	cgacgctcac	cgacgatctg	ctgtcggtgc	gttttctctc	180
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gaactgactc	ccagagaaaa	agacaagctg	ttgctgttca	ccgccgcgct	ggttgccgaa	360
cgccgcctcg	cgcgcggggg	aaagctcaac	tatccggaat	cggtcgcgct	gatcagcgcc	420
tttattatgg	aaggcgcgcg	cgatggcgaa	accgtcgcc	cgctgatgga	agccggccgc	480
cacgtcctga	cgcgcgatca	ggtgatggag	ggcgtaccgg	agatgatccc	ggatattcag	540
gtggaagcca	ccttcccggg	cggatccaag	ctcgtcaccg	tccacaaccc	gatcgtgtaa	600

&lt;210&gt; 3390

&lt;211&gt; 255

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3390

tgccagcggc	aaaccgaatt	tattaaaggt	gagagttaca	tgccggtaat	taaagtacgt	60
gaaaacgagc	cggttcgacgt	agcactgcgt	cgcttcaaac	gttcatgcga	gaaagcaggt	120
gttctggctg	aagttcgctg	tcgtgagttt	tatgaaaaac	caacgaccga	acgtaagcgc	180
gctaaagctt	ccgctgtgaa	acgtcacgcg	aagaaactgg	ctcgcgaaaa	cgcacgccgt	240
actcgtctgt	actaa					255

&lt;210&gt; 3391

&lt;211&gt; 1980

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3391

gtgccgaata	tcgatcgggg	agcccccgcc	agccgcactg	agaggcagcg	gcaaaaatat	60
aagtacgccc	tcgttttaaa	ggttggcagc	ccatcgccga	caccaatcaa	acgaattaag	120
tgtggatacc	gtcttatgga	gcaaaacccg	cagtcacagc	tgaaacttct	tgtccaacgc	180
ggtaaggagc	aaggctatct	gacctatgcc	gaggtcaatg	accatctgcc	ggaagatata	240
gtcgattcag	atcagatcga	agatatcatc	caaatgatca	atgacatggg	cattcagggtg	300
atggaagaag	caccggatgc	cgatgatctg	ttgctggctg	aaacctccaa	caacactgac	360
gaagatgcgg	aagaagctgc	tgcacaggtc	ctgtccagcg	tggaaatctga	aatcggggcgt	420
accactgacc	cggtccgcac	gtacatgcgc	gaaatgggta	ccgttgaact	gttgaccgcg	480
gaaggcgaaa	ttgacatcgc	aaaacgcac	gaagacggga	tcaaccaggt	tcagtgtctc	540
gttgccgaat	acccggaagc	gatcacctat	ctgctggagc	agtacgatcg	cggtgaagca	600
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gaagacgaag	atgaagaaga	agacgacgac	agcagcgatg	acgacaacag	catcgaccct	780
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gccaccaccg	agagcctgcg	tgccgctacg	cacgacgtgc	tggctggcct	gaccgcccgt	1800
gaagccaaag	tgctgcgat	gcgtttcggg	atcgacatga	acaccgacca	cacgctggaa	1860
gaagtgggta	aacagtttga	cgtgacccgc	gaacgtatcc	gtcagatcga	agcgaaggcg	1920
ctgcgtaaac	tgcgccatcc	gagccgctct	gaagtgtctg	gtagcttcct	ggacgattaa	1980

&lt;210&gt; 3392

&lt;211&gt; 1203

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3392

ctcaaatact	taagcgccag	agcgaaaggc	atcatgagca	caccgatcaa	acggctagaa	60
atcattaaaa	atgccattga	gctggaagat	gacgacatca	tccggagcca	gttgaaacgt	120
ctcaaagagg	aagcctttga	cgatgaactc	ctgtccatcg	tgcggcgct	tgagcagaaa	180
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ctctattttct	cccgcctcgg	gccgttgatg	cagcagatcc	tgcacctgcg	taaaacgctg	420
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cgctgccaga	gctatatggc	gcaggccgta	gaggttctga	caacgctcac	ccggcgctgg	540
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cgcggcgacg	tgaaggccat	tgccttgctg	gtcgcgccgc	tgcaacaagg	gtttgaaccg	960
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aaagaggtat	gcgcctcgtc	cgaacatcag	gtgagcgaag	cgcagctgga	tcccgcgtgcc	1200
tga						1203

&lt;210&gt; 3393

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3393

tcccccccg	acgtaagcca	acgtaaagat	cccccgatt	tcacccctcg	tcgcttcatt	60
ttcaaccact	catcctctat	cctgagcggt	attaccactg	ggtcctggaa	gacaaatatg	120
aaacggacaa	aaacgatgaa	tcacgcgtcg	ttccgcaaaa	gctggaacgc	acgccacctg	180
acacctgtcg	cgctggcggt	caccgcccgc	tttatgctgg	caggctgtga	gcaaaacgac	240
gaaacggttt	cgctgtatca	aaacgccgac	gactgcgcga	gcgcaaccgg	taaagccgct	300
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atggcgccga	aaccagccac	caccagcacc	attaccctg	gcggcttcgg	tgagtctgtt	720
gccaaacaaa	ccaccatgca	gcgtagtgcg	accggctcct	caactcgctc	aatgggcggc	780
tga						783

&lt;210&gt; 3394

&lt;211&gt; 375

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3394

aaaaagtcga	cgtacagtgc	accggaacgg	tgctatgtaa	gcttaacgaa	cgaaaaatcg	60
------------	------------	------------	------------	------------	------------	----

ataaagatgc	gaaagctcac	tagtttctctg	cttacattgc	tgcttacaaac	gctgcctttg	120
aaagaagcgc	tggecgtcaa	ctgctatctg	ggtggatctg	gcgccccgt	cgaggagaca	180
aaaacgatct	ccccttttgc	catacccagc	aacgctcagg	ttggccaaaa	aatatgggag	240
tctgatgaca	ttaaaattcc	ggtgacgtgt	gacaataacg	tcacaagcgg	tttcaagccg	300
gaagatgttt	ttgcctgggt	aaacccttat	ctgcccgaac	ccgatcccta	ttatgaactg	360
ggcgtcacct	tatga					375

&lt;210&gt; 3395

&lt;211&gt; 1578

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3395

aaagaaagac	gctcagtaaa	ccgttcgtta	tgctttataa	ccaaatgtga	tttttgtcac	60
cttctgcctg	tggttaactgt	tagagacaca	acacaaccac	acaaaaagaa	aatggcagaa	120
atcacagatt	caactccct	tccagcggca	ggaaacaccc	cggatggcga	tatcaagtgg	180
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cttacggata	aaatcgggcg	ctaccgcgtc	tttatggccg	atatggtatt	ctttgtcgtt	480
gcccgtatcg	cctgtgcgt	ggccccgaac	gaatatgtgc	tggcggggcg	gcgctttgtg	540
atgggtcttg	gcgttgggat	cgaccttccc	gtcgcgatgg	cgtttctcag	cgagttcgcc	600
agactgaaaag	gcccggggaa	taaagcctcc	agcgtcgcga	tgtgggtgtcc	cacctggtat	660
gctgccatca	gcattctctta	tcttctggtg	ctcttctttt	acgcgcgtact	gccggaaagc	720
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gatgcgctcg	accagcccgc	gcctgttgtg	aacaaggcaa	aatggctcgaa	ctacctgaac	960
ctgttccgcg	gtatctatct	gcggcggtacc	acgctcgcca	cgtgctgtc	agtcgtctcc	1020
tcgttcgcct	ataacgcctg	agcctttggc	ctgccggtga	tcattctccag	cttctttgtg	1080
cagtcgatgc	tgaccaccat	tctgatctcg	ctggcgctta	atctgctgtt	cgcgtttgtc	1140
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ggttatgcgt	gccagctggc	ggcgctgctc	ggcctggcg	tgattggccg	ccctgacggg	1260
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tttatcggcc	tggcctcgct	gctggcgatc	cgtcgggagc	cgtcggggta	tgatgtggat	1560
gcagaggatt	atcgctag					1578

&lt;210&gt; 3396

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3396

tgcggaagtg	gaagcaccat	gttagcaact	caggtcactg	ataattcata	caaaggctgg	60
caggcctcgc	ttgccctcca	gttttgtcat	acccttgaga	aaacctcct	ccattccgcg	120
cgtcacaccg	ggccacttac	cggtcagcgt	ccgttttatc	ccgaaggga	aacctgccac	180
ctttacctgc	tgccaccgcc	aggcggaatt	gtgggcgggg	atacgttga	tatttccgtg	240
cggctcgacg	ccaaaagcca	tgccctcatc	acctatgccg	gcgccagcaa	gttctatcgc	300
agcagcgcc	cgttgccctg	cctcagtcag	cattttttacc	tcgacgaaga	ggccacgctg	360
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acataa

846

&lt;210&gt; 3397

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3397

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acccgatcgt	gtaaggagcg	cgtgatgatc	ccaggatgaat	accggatcca	gtccggcaac	120
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ccgatccagg	tcggatcgca	ctaccacttt	tacgaggtea	acccggcgct	gaagttcgat	240
cgcgaggcca	cccagggcta	ccggctgaac	atcccggcgg	gcaccgctgt	gcgcttcgag	300
cccggccaga	agcgggaagt	gacgctggtg	cagggtgacgg	gcgcacagcg	cattttcggg	360
tttcgcggcg	agatcatggg	cgagggtgaaa	catggctga			399

&lt;210&gt; 3398

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3398

aaccttcggg	ggcgggctga	tcgtctctgc	cctgctggcg	ctgatgagct	gatggagcac	60
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acctggctcg	aggggctgga	gtgggccggt	gaggccggat	gggtcacgga	cgctgaggcc	180
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gcatacctgc	tcgcctgccg	ggaaacgcgc	gagctgcgcg	atgaagaacg	caaccgtggc	360
gcggccttta	cgcgcctgat	taaaagctgg	gaaccgcgct	gcccggccaga	atggttgccg	420
ctgttgacgc	agagccagct	ctgcgggtatg	gcgtggctcg	gcgtgcgctg	gggcattagc	480
gcgcgcgagc	tggcgctgag	cctgggctac	agctggattg	agagcgcggt	gatggcgggc	540
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cattttgccg	ccgggtttga	acaggcattt	ttacgtggcg	acgacgcgct	gggggcgct	660
acgccgctgt	ccgccatcgc	ctccgcgcgc	cacgaaaccc	aatattcacg	actattccgt	720
tcctga						726

&lt;210&gt; 3399

&lt;211&gt; 627

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3399

ggagtcaata	tggctgatta	caaacatccc	ctgcgcggtt	gcgtgggccc	cccggtaggg	60
tcggggcaaaa	ccgccctgct	ggaagcgctc	tgcaaggcga	tgccgcgatac	ctatcacctg	120
gcgggtggtga	ctaacgatat	ctacaccaaa	gaggatcagc	gcatacctgac	cgaggcgggt	180
gcgctggagc	cagagcgcat	cgtgggctgt	gaaacgggcg	gctgtccgca	caccgccatc	240
cgcgaagatg	cttcaatgaa	cctggcgggc	gtggaagcac	tcagcgagaa	gttcggcaat	300
ctggatctga	tcttcgtcga	aagcggcggg	gataacctga	gcgcgacctt	tagcccggag	360
ctggcggacc	tcaccatcta	cgtcatcgac	gtggccgaag	gggaaaaaat	cccgcgcaag	420
ggcgggccc	ggatcaccaa	atccgatttt	ctggtgatta	acaaaaccga	tctcgcgccg	480
tacgtcggcg	cctcgtcgga	ggtgatggag	cgcgacacca	accgatgcg	cgcgagcgt	540
ccgtggacct	ttactaacct	gaaagcggga	gacggtctgg	gaacgatcat	tgcgtttctg	600
gaagagaaa	ggatgctgcg	ggtgtag				627

&lt;210&gt; 3400

&lt;211&gt; 1812

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3400

ggccgtgctt	ccggaaggaa	tgccgcggctt	gttttcgttt	ataagtcgct	taaatttttg	60
------------	------------	-------------	------------	------------	------------	----

gggcatatgg	cgggaagaat	cccacgcgtt	ttcatcaatg	acctgcttgc	cagaaccgac	120
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aagctcgagt	tcgttgaaac	cggtcgaaga	ttggcggcga	tgcataacct	tgaagtgccg	360
tatgaagcgg	gcagtggggc	aagtcagatc	gagcgccatc	agcggcaaac	gctgtaccaa	420
ctgatggatg	gcctgaattc	gttttaccaa	cagtctctta	agcactctgc	ggctgagcct	480
gcgcgtcagt	atctgaacaa	gcgcggactg	agtgcagatg	tgattgcgcg	tttcgctatt	540
ggttacgccc	cgcccggtcg	ggacaacgtg	ttaaagcgtt	ttggcggcaa	tagcgaagat	600
cgtaaataccc	tcacgcgacgc	aggcatgctg	gtcaccaacg	accagggacg	aagctacgac	660
cgttcccggtg	aacgggtgat	gttcccgatc	cgcgacaagc	gtggccgggt	gatagggttt	720
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aactatgccg	ttgcgtcgct	gggaacgtcc	accacggcgg	accatatcca	gctgctgttc	960
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caggttgatt	tgagtacccc	tgacgggcgc	gcgcagctca	gcacgctggc	gctgccgtta	1260
atcagccagg	tgcccggcga	aacgctgcgc	atctatctgc	gtcaggagtt	aggcaacaag	1320
ctcggcattc	tggatgacag	ccagcttgaa	cgtttaatgc	cgaaacaggc	tgaacacggc	1380
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ttgcccgggc	ttggcttatt	ttcagaattg	gtcaacactt	gtttgtctca	gccaggctctg	1560
accaccggac	aactttttaga	gcattatcgc	ggcacaaaag	aggccgctac	ccttgaaaaa	1620
ctgtcgatgt	gggacgatat	agcagataag	gatatcgtag	aaaaaacgtt	caccgactca	1680
ctcaaccata	tgtttgattc	gatgcttgag	ttgcgccagg	aagagttgat	agctcgcgag	1740
cgcacccagg	gcctaagcag	cgaagaacgc	cgggagctct	ggatgattaa	ccaggaactg	1800
gcgaagaaat	aa					1812

&lt;210&gt; 3401

&lt;211&gt; 504

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3401

ggaagaaaca	tgcgacacga	acacgacggc	ggcggacgcc	ggccacgatt	ttttggtcat	60
ggcgatctgc	ggctggtgat	cctggatatc	ctgaccgcga	acgcgagcca	tggttatgag	120
ctgatcaaag	agatcgagaa	cctgacgcag	ggacattaca	cgccaagccc	tgccgtgatc	180
tatccgactc	tggattactt	gcaggatcag	tcgcttatca	tcattaccga	agaagagaac	240
ggcgttaagc	ggattgcgat	taacgccgcc	ggagaacagt	ggctggaaga	taaccgggaa	300
cagctggagc	agatccagac	gcgtatcaag	gcgcgctccg	tcggtttcca	gctgcgcaaa	360
aacccgcaga	tgaagcgggc	gctggataac	ttcaaagcgg	ttctggatct	gaaggttaat	420
cagggagagc	tcagcgacgc	gcagttaaaa	cagattatcg	gcgtgattga	ccgcgcggca	480
ctggagatct	cccagctgga	ttaa				504

&lt;210&gt; 3402

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3402

ggagaatgca	tgctcagtacc	gttgattttg	accatacttg	cgggcgcgcg	aacctttatc	60
ggtgcgttcc	tcgggggtact	cgggcaaaaa	ccctctaate	gcctgctggc	cttctcgctg	120
ggtttcgccg	ccgggatcat	gctgcttata	tcgctgatgg	agatgctgcc	cgccgcgctt	180
cacaccgaag	ggatgtcgcc	tgttctgggc	tatggcatgt	ttatcattgg	cctgctgggt	240
tattttgcac	tcgaccgtat	tcttcctcac	gcgcacccgc	aggatttaat	gcaaaaaagc	300
gttacccccg	ttccgggaaa	tatcaaaccg	acggccattc	tgctgacgct	gggtatcagc	360
ctgcataact	ttccggaagg	tatcgccacc	tatgtcacgg	ccagcagcaa	cctggaaata	420
ggttttggtg	tggcgctggc	cgtggctttg	cacaatatte	ctgaaggact	tgccgttgcc	480

gggcccgttt	atgccgccac	gggttcaaaa	cgtacagctg	tcttttgggc	aggtatctcc	540
ggcatggctg	aaattctcgg	cggcgtgctg	gcgtggctga	tcctcggtag	cctcgtatcc	600
ccggttgtaa	tggttgcaat	tatggctgcc	gtggccggga	ttatggtcgc	gctctctgtc	660
gatgagctga	tgccgctggc	aaaagagatc	gatcccaaca	ataacccaag	ctacggcgtg	720
ctgtgtggaa	tgtcagtgat	ggggatgagc	ctggttctgc	tgcaaacggc	aggtattggc	780
taa						783

&lt;210&gt; 3403

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3403

aaccatctaa	aaatatattt	aagtcacgtt	aatcgcgtct	ccccgcccc	atccgtatac	60
ttttcgagta	ttctgaaatt	aacattcaca	ttacgaatca	atctgaaaaa	ggatattttc	120
atgtatatgg	gtaaaaaatt	gctgttagcg	gcagctatgg	ctgccattgt	atcgggttct	180
gcgtttgctg	atgatcaagg	ctcaggcaaa	atcaaattca	aaggcgtggt	tattgacgca	240
ccatgcagca	tcgctccaga	cagcgttgat	aaagaagtcg	acctgggtga	agtgactacg	300
gccgttatca	acgccaacaa	aaaatccacg	ccggttccgg	tcgatatcaa	tctggaaaac	360
tgccagcttg	acgatccggc	agacgaaacc	gacacgccaa	ttactaaagt	ggaagtgacc	420
tttaccagcg	cagcgacaga	tgcgacggat	accagcctga	tgagcaacac	ctttgcaaac	480
ggtgcgacga	acgtgggctg	ccgtctgctg	gataacgcgg	aaggcaacat	cacgcttggt	540
cagccaaacg	tgcttgatct	gctggcgggt	tcaaccaccc	agacgctgca	tttcaaagcg	600
gttatggaag	tcccaacagg	taaaactgcg	acggcaggcc	aggttgaagc	cacggctaac	660
tacgtcctga	tgtacaaata	a				681

&lt;210&gt; 3404

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3404

gatgccacag	gccagcccaa	cggcgtggat	acccgccagt	gcctggacaa	cgataacatc	60
accattttaca	ccccggatca	aatccgccag	atgggttggg	agaatcgcat	ctgctctggc	120
aatccggatg	atatccacat	tacgcgcacg	ttcgtcgccc	gtttacgact	tttcgtgaga	180
attaaggcta	tgccgccaca	tggtatgtc	agctcgctca	gcgattacat	cgttgtgcag	240
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aacggactgc	aaaacattac	ggtgcttgat	tgcggggcga	cgtttaccat	ttaccctgag	360
aatcaggaga	tcgacttttg	caccttcagc	gcgcgcgaca	tcgtgaatca	gcagacgcgt	420
atgcgcacgt	tttcaatacg	aaccaccaa	gtgcaggatg	cccagtgtc	ggatggattt	480
aagatggact	cgtcgtttta	cacaaccgaa	acgctcagcg	cagacgacac	tcggtactg	540
atagggaatg	ggttaaaact	gcgtattctt	aacggaacgg	ccccttacac	cttcaaccag	600
tacaaagagt	acgccgattt	tacgggcgat	aagatgaatg	ttgagcaaaa	ctacacagct	660
gaactttcac	gggaagaagg	gaaagcgatt	cagtcggggc	cgttcgaaac	cgtggtactg	720
ttcaaaatta	actaccacta	g				741

&lt;210&gt; 3405

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3405

cacgctacaa	taggcactaa	caccttttca	tcaagggaaa	cgacaatgat	tgacccaaag	60
aaaattgagc	agatcgcgcg	tcaggttcat	gagtcctatg	cgaaagggtat	tcgtgagttt	120
ggtgatgacg	ttgagaagaa	aatccgccag	acgttgacag	cacagttggt	tcgccttgat	180
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ctggcgctgc	tggaacaacg	tttgaccgag	ctggaaaacc	gcaatgcgcc	ggaagaagtg	300
aagccagcgc	cagctatttc	accggtggat	gaccaggcat	aa		342

&lt;210&gt; 3406

&lt;211&gt; 702

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3406

ttccgattga	tgatgaatcc	tttgcgtagc	gacactgata	ccactactat	cgttccactt	60
tttatgaaaa	taacgactga	tatgcttaaa	ttacgcctga	ttggacttac	tttactcgct	120
tttagcgccg	caaccgcggt	ccacgctgaa	gagaaacggt	acgtttctga	tgaactgaat	180
acctgggtac	gcagcgcccc	tggagacaat	tatcgccctg	tgggtacggt	aaatgccggc	240
gaggaagtga	ccctgctgca	aactaacgca	gacaccaatt	acggtcaggt	tcgtgacagc	300
tctggccgca	cctcatggat	cccgtgaaa	gagctgagca	cggtgccaaag	cctgcgccacc	360
cgcgtgccgg	atctggaaaa	tcagggtgaaa	accctgactg	acaagctgaa	caacatcgac	420
ggcacctgga	accagcgcac	cgcagagatg	cagcagaaaag	tggcgcaaaag	cgacagcgtg	480
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aaagtgaacg	ccgcgaatct	acagctggat	gacaaacaac	gcaccatcat	catgcagtgg	600
tttatgtatg	gcggcgagtg	gctgggcgtc	ggctggtg	tgggtctggt	gcttcctcac	660
cttatcccaa	gccgtaaacg	taaagaccgc	tggtatgaact	aa		702

&lt;210&gt; 3407

&lt;211&gt; 1302

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3407

ctcgtcttct	ctgccacact	tacgtatcat	cttgcgaaaa	gagaaaacgg	gagtgttggc	60
gtgaagagtt	atctggtcgg	tggtgcggta	cgtgatgcgt	tattaggtct	gccggtcaaa	120
gataaagact	gggtcgtggt	cggtgccacg	cccgaagcga	tgattgacgc	gggctaccag	180
caggtaggcc	gcgattttcc	tgtgttcctc	catccgaaaa	gccgggaaga	gtacgccctg	240
gcgcgaaccg	aacggaaatc	cggttcgggt	tataccgggt	tcacctgcta	tgccgcgcgg	300
gatgtgacgc	tggagcagga	cttactgcgc	cgcgatctca	ccattaatgc	cctggcgag	360
gacgaaaacg	gccatattat	cgacgtctac	ggcggccaga	acgatctgcg	cgaccgtctt	420
ttacgccata	tttccccccg	cttttctgaa	gatccgttac	gcgtactgcg	cgtggcgcg	480
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acggccatga	ccgacgcggg	cgagctggaa	cacctgacgc	cagaacgcgt	ctggaaagag	600
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atgctcagtc	ctgaagtggg	cgtgcgcttt	tccactctct	gccatgacct	cggcaaaggg	840
ttaacgcaa	aggaattgtg	gccacgccat	cacgggcacg	gtccggctgg	cgtaaagctg	900
gttgaagggc	tttgccagcg	cctgcgcgtg	ccgaatgaca	ttcgcgatct	ggcaaagctg	960
gtcgccgagt	tccacgacct	gatccacacc	ttcccgatcc	taaaaccgcg	caccatcgtc	1020
aggctgtttg	ataacatcga	cgccctggcg	aagccgcagc	gcgtggagca	gatcgcgctc	1080
accagcgagg	ctgacgtgcg	cgggcgtacc	gggtttgaag	cgcccgatta	tccgcagggt	1140
cgtttgctgc	gtgaggcggtg	ggacgtagcg	aaagcgggtg	caacgaaaga	ggtggtggag	1200
gcagggttta	aaggcccggg	gatccgcgaa	gagctgacga	agcggcggat	tgatgcggtt	1260
gcggcggtga	aggaaaaacg	ttgccctcag	ccgaaagact	ga		1302

&lt;210&gt; 3408

&lt;211&gt; 735

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3408

atacaatatc	catcacgacc	tgcttgcttt	ttggctaaac	cggataccac	ttccggcgaa	60
ttatgcgtat	tatccacaga	tgctgagaat	acagatacat	tttcaaaacg	gaacagcggt	120
atgagtgcaa	tcgcgcctgg	aatgattatc	ctcgcctacc	tttgcggtc	aatctccagc	180
gccattcttg	tctgccgcac	cgccgggttg	cctgaccgcg	gtgaaagtgg	ttccgggaat	240
ccgggggcga	ccaatgtact	acgaattggc	ggcaaggagg	cagccgtagc	ggttttgatt	300
tttgacgttc	tgaaaggaa	gcttcccgtg	tggggcgcg	atgcgctcgg	cgtcacaccc	360
ttctggctgg	ggctgatagc	catcgccgcc	tgctcggcc	acatctggcc	tgttttcttt	420
ggttttaaa	gcggtaaagg	cgtggccact	gcgtttggcg	caattgcgcc	gatcggtggt	480
gatctcaccg	gcgtgatggc	gggcacctgg	ctgctgacca	tcctgctgag	cggttatctg	540

tcgctggg	ccatcgtcag	cgcaactgac	gccccgttct	atgtctgg	gtttaaac	600
cagtttac	tccccgtgtc	gatgctctcg	tgtctgatcc	tgttgcgcca	tcacgacaac	660
attcaacgcc	tgtggcgctcg	tcaggaaacg	aagatctgga	cgaagctcag	acgtaaaaa	720
aaagacgctc	agtaa					735

&lt;210&gt; 3409

&lt;211&gt; 1707

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3409

aacatggctg	agattttcag	ccaggcgat	gccgatatgt	ttggccccac	gaccggggat	60
aaagtgcggc	tggccgacag	cgaactgtgg	atcgaagtag	aagacgatct	cacgatctac	120
ggcgaagagg	tcaagttcgg	cggcgggaag	gtgatccgcg	acggcatggg	acaggggcag	180
atgaccgccc	acgactgctg	ggatctgg	ctcaccaacg	cgctgatcgt	cgatcactgg	240
gggatcgtga	aagcggatat	cggcgtaaaa	aatgggcgga	tcttcgccgt	cggcaaagcc	300
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gggcccgcgg	caggtacaaa	cgccaccacc	tgcacgcggg	ggccatggta	tatcgcccgc	540
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tcaaaccggg	acgcgctgcg	cgagcagatc	gcggcagggtg	ccatcgggct	taagatccac	660
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cgcatgaagg	ttcagcgcg	cgcgctgccg	gaagagaccg	gcgataacga	caactttcgc	1200
gtgaagcgct	atgttgccaa	atacaccatc	aaccggcgcg	tgacccacgg	cattgcctat	1260
gaggtgggg	cggttgaggg	gggcaagctg	gcggatctgg	tgggtctggc	cccggcggtc	1320
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gtgaaaaagg	cggacatgat	ccacaacgct	ctgcaaccga	acatcacctg	cgactcgcaa	1620
acctacgagg	tgcgcgtcga	cggcgaactg	attaccagcg	aaccggctga	cgttctgccc	1680
atggcacaa	gctatttct	gttttga				1707

&lt;210&gt; 3410

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3410

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ctgcgtcagt	tggggtgga	ggtgaccttc	gccagcctgc	cgtttgaacc	ggaagcggg	420
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&lt;210&gt; 3411

&lt;211&gt; 888

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<400> 3411
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gctggcgctg gcgtcgatca gcttacgaat atcgttagct gcattcgcgc tgcggctggc 420
aagatgacgc acttcgcccc ccaccaccgc aaagcctttc cctgctcgc ccgcgcgtgc 480
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cacggtctgc tgaacgttag ccacggtctg gcgcgtgcgg tcgttgagat cttcattgcc 780
ctgcgccagc ctgtcgtac cgctgcgcac gcttatcacc tggctggaga cgtcgttgat 840
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<210> 3412

<211> 1644

<212> DNA

<213> Enterobacter cloacae

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<400> 3412
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aataatcaca tcgatggggg aaatatgttc atacatgacg taaagatcgg cacgaaatta 120
tttctggcgt ttggattatt tattgtcctg atggctcgta gcgcaagctt gtctctgatg 180
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gtaaaagcga accagttaat cgacaacttc caggaattta tcagcacgca gcagctcatg 300
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attggcctga tagacgccac caccacaacg aactccgcgc tgggtggagga gtccgttgcg 1560
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<210> 3413

<211> 825

<212> DNA

<213> Enterobacter cloacae

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<400> 3413
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gtgatgcgca ctgagcgagt cagtgcagga ttccagcgca ttgtgctagg cggcgaggcg 180

```

ctggagggct	ttagctctcg	cggctttgac	gaccatacca	aagtcttttt	cccggcaccg	240
ggcaccactt	tcgtgccgcc	tgtggtgact	gatgaaggca	tcgactgggg	cgacggcgctg	300
cgtccgcagg	cgcgtgacta	taccccgctg	tacgatgacg	aaaaacatga	gctggcgctc	360
gattttcttcg	ttcatgatgg	tggcattgcc	agcaactggg	cggtagaggc	gaaggtgggc	420
gacaagctga	ccatcggtgg	tccgcgtggt	tcgctggtgg	tgccggaaga	ttacgcctgg	480
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caggcgggtg	ccgaccatct	tgccgcgctg	gacgtgccgg	aagaggatta	ctttatctgg	720
ctcaccgggg	aggggaaggt	ggtgaaacgc	ctgagccgct	agtttgaaac	cgacgcaatt	780
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&lt;210&gt; 3414

&lt;211&gt; 390

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3414

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acaattgggt	tttacgactg	ggaacagacc	atcgagcaga	aactgggtgt	cgatatcgaa	120
atgggctggg	ataaccgcaa	gtcagcgaaa	agcgatgatg	tgaatgattg	tctgagctac	180
gccgacatca	gtgaaacggg	catcgcccat	gtggaagggc	aacgatttgc	gctggtagaa	240
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attaagctaa	gcaagccggg	cgcggtggcg	cgcgccgcca	acgtgggcgt	gattatcgag	360
cgtggcacia	atctgaaagg	aaagatttaa				390

&lt;210&gt; 3415

&lt;211&gt; 822

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3415

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gagtttttgc	cgggtgtccag	tacgggccat	atgattatcg	ttggccatct	gttgggcttt	120
gaaggcgata	ccgcaaagac	gtttgaggtg	gtgatccagc	tgggctctat	cctggcggtg	180
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aacgtgatgt	acgcgctggt	tgtcggcggc	ttcctgctga	ttgccgccga	agtgtgaag	420
ccaaaaaccc	cgcgtgcgga	aggtctggac	gatatgacgt	atcgtcaggc	gtttatgatt	480
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gtgccgatga	tgatgggcgc	caccgcgctg	gatctctaca	aaagcatcgg	cttcctgacc	660
gtgggtgaca	ttccgatgtt	cgcctgtggc	tttatcaccg	cctacattgt	ggcgtgatc	720
gccatcaaaa	ccttctctga	actgattaag	cgtatttctg	ttattccggt	cgcgatctac	780
cgttttatcg	tcgcggctgc	cgtgtacgtg	gtcttcttct	ga		822

&lt;210&gt; 3416

&lt;211&gt; 1512

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3416

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gtgctgcatt	aa					1512

&lt;210&gt; 3417

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3417

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&lt;210&gt; 3418

&lt;211&gt; 1323

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3418

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taa						1323

&lt;210&gt; 3419

&lt;211&gt; 2877

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3419

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cgcgagggca	gtacgctgca	aaccgaagtg	cgggaaatgc	gggagaagat	gcgcgcgcac	2520
cttggaaca	aacatcgcg	tcgctttgat	atcaaagccg	atgaaggcgg	gattaccgat	2580
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gcattacagg	aacagccggg	ccatgtggcg	ctggactggt	tcgccgacga	acgcgcgcag	2820
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&lt;210&gt; 3420

&lt;211&gt; 1032

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3420

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&lt;210&gt; 3421

&lt;211&gt; 1449

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3421

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&lt;210&gt; 3422

&lt;211&gt; 666

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3422

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&lt;210&gt; 3423

&lt;211&gt; 825

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3423

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&lt;210&gt; 3424

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3424

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&lt;210&gt; 3425

&lt;211&gt; 1386

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 3426  
 <211> 1092  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3428

&lt;211&gt; 849

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3428

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&lt;210&gt; 3429

&lt;211&gt; 1428

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3429

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<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 3430

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<210> 3431

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 3431

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<210> 3432

<211> 1464

<212> DNA

<213> Enterobacter cloacae

<400> 3432

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&lt;210&gt; 3433

&lt;211&gt; 963

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3433

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&lt;210&gt; 3434

&lt;211&gt; 1296

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3434

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&lt;210&gt; 3435

&lt;211&gt; 1326

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3435

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&lt;210&gt; 3436

&lt;211&gt; 1974

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3436

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&lt;210&gt; 3437

&lt;211&gt; 420

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3437

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&lt;210&gt; 3438

&lt;211&gt; 1128

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3438

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 <213> Enterobacter cloacae

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<210> 3440  
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 <212> DNA  
 <213> Enterobacter cloacae

<400> 3440  
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<210> 3441  
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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3442

&lt;211&gt; 1653

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3442

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&lt;210&gt; 3443

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3443

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&lt;210&gt; 3444

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3444

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&lt;210&gt; 3445

&lt;211&gt; 792

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3445

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&lt;210&gt; 3446

&lt;211&gt; 1302

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3446

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&lt;210&gt; 3447

&lt;211&gt; 585

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3447

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&lt;210&gt; 3448

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3448

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cgccaaactc	aaaggtacat	aaaccgtcat	atgccagcac	gaccgcgcgc	ggcgagggat	420
gtcttaagtt	tgtcatcttt	ttgctgtttt	ctggcatag			459

&lt;210&gt; 3449

&lt;211&gt; 810

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3449

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<210> 3450  
 <211> 594  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (564)

<400> 3450  
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<210> 3451  
 <211> 936  
 <212> DNA  
 <213> Enterobacter cloacae

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 aacatgcctc cattgatgct ggcggtctcg cgcttccctg tgggtggcgtt tccggcgctg 180  
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<210> 3452  
 <211> 513  
 <212> DNA  
 <213> Enterobacter cloacae

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 gacaaacgt cttggacggg ccgtatactg atgtccacgt tagatcctct gttcgcgcgc 180  
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 ccgcagggcg tgccgctgag tgcgcagcaa caacagtata tcgtcaacgt aatccatcat 480  
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<210> 3453

&lt;211&gt; 1074

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3453

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&lt;210&gt; 3454

&lt;211&gt; 762

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3454

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&lt;210&gt; 3455

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3455

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agcgaaacgt	tgtccgacaa	ctggtataac	ctgaaaaaat	acacttttga	cttcacgcgc	180
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cgcgtagaga	aaatttttga	ggcctatatg	agcccgggct	cggttaccga	gaaactctac	480
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atattataa

669

&lt;210&gt; 3456

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3456

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taa						783

&lt;210&gt; 3457

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3457

ttcatcgcca	agatcaaata	gcgccatcgg	gccaatatag	ttatcttctt	catccgggtgc	60
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ttcgacctgg	gttga					615

&lt;210&gt; 3458

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3458

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cccagttggt aa 912

<210> 3459

<211> 429

<212> DNA

<213> Enterobacter cloacae

<400> 3459

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ggatttgaat	cgcaacaaac	cctgacgcgt	acgttcaaga	actactttga	cgtgccgcct	360
cataagtacc	gtattaccag	tatgccgggt	gaatcccgtt	atctgtatcc	gctaaaacat	420
tcaggttaa						429

<210> 3460

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 3460

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<210> 3461

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 3461

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cgtcatgaag	ctgacagcga	cgagttacgc	agcgcggtcg	aggagtctgc	ggaggggttg	180
cgcgagcacc	atgcctggca	gaaatcgcg	aaaccggata	cccactctgc	gggttag	237

<210> 3462

<211> 1206

<212> DNA

<213> Enterobacter cloacae

<400> 3462

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attatctggc	aggcggctgc	ggcggctggc	gccagtacac	agcaaatcgc	cggatggatg	180
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gcggcgatcg	tcacettcct	gatgaccgcc	agcggcgcca	cgtctctggg	gattggctcc	1140
gccttctggg	ggctggtggt	gggagggatc	tgttacgccg	tcttctcacg	ccttcgccgc	1200
gcgtag						1206

&lt;210&gt; 3463

&lt;211&gt; 476

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (32)

&lt;400&gt; 3463

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tactgaaacg	cgaacggatt	aagaaaagga	tctacggaac	gagagacgaa	gccagaagcg	360
atatttttga	ttatatcgaa	atgttttata	acagtaagcg	tcggcatggt	tcgagcgagc	420
agatgccacc	ggctgaatat	gaaaacctat	attatcaacg	gctcagaagt	gtctag	476

&lt;210&gt; 3464

&lt;211&gt; 600

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3464

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&lt;210&gt; 3465

&lt;211&gt; 480

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3465

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&lt;210&gt; 3466

&lt;211&gt; 1266

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3466

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&lt;210&gt; 3467

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3467

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&lt;210&gt; 3468

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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3468  
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3469  
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 accatgatta tgccgtccac gcaaaaccag tcgccctggg acttcaatca catgggcgct 180  
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<210> 3470  
 <211> 489  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3470  
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 ggtttcacca ccacgcctg ctgctgcgga tcgaataccg cctgcgggtt gctttctgga 300  
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 aggtgttga 489

<210> 3471  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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&lt;210&gt; 3472

&lt;211&gt; 1584

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3472

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&lt;210&gt; 3473

&lt;211&gt; 1272

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3473

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&lt;210&gt; 3474

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3474

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&lt;210&gt; 3475

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3475

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&lt;210&gt; 3476

&lt;211&gt; 2745

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (2733)

&lt;400&gt; 3476

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&lt;210&gt; 3477

&lt;211&gt; 642

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3477

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642

<210> 3478

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 3478

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<210> 3479

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 3479

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<210> 3480

<211> 2052

<212> DNA

<213> Enterobacter cloacae

<400> 3480

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&lt;210&gt; 3481

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3481

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gaagccgcgc	aggcctgggc	agaagcagac	ccgtacgtcg	cagccggcgt	gtacgagaaa	300
gtcacgggtc	gtccgtataa	aaaagtattc	tga			333

&lt;210&gt; 3482

&lt;211&gt; 1512

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3482

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ttctacaccg	tgggtgagttg	gctggtcatt	ttaggatact	ggctgttaat	tgccggggtg	120
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ccgttgctgt	aa					1512

&lt;210&gt; 3483

&lt;211&gt; 342

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3483

caggtagtca	tcatggaaat	ggatctgaac	aatcgctga	ccgaagacga	aacgctcgaa	60
caggcctacg	atatttttct	cgagctggcg	gtcgataatc	tcgaccctgc	tgacgtcatt	120
cttttcaacc	tgcaatttga	agagcgtggc	gggtgtgagc	tggttcgatcc	gtctgaagac	180
tgggccgaac	acgtcgattt	tgacctcaat	ccggacttct	tcgccgaggt	gggtattggc	240
ctggcagatg	aagacggcgg	agaaattaac	gacatctttg	cccgcgtcct	gctgtgccgc	300
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## &lt;210&gt; 3484

## &lt;211&gt; 654

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3484

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gaggaaggac	gtggcggttc	gctgtatcac	cgtcaggaag	gacgcaatat	tggcctgctg	360
aataaaatcc	gcgcctacgc	gttgcaggat	cagggtctacg	ataccgtcga	agcgaaccat	420
cagctcggct	ttgctgctga	cgagcgcgat	ttcaccctgt	gcgcagatat	gttcaagctg	480
ctgggcgtgg	acgaagtgcg	tctgttgacc	aataaccgga	agaaagtgga	aatcctcact	540
gaagcgggca	tcaatatcgt	ggaaacgcgtg	ccgctgattg	tcggccgcaa	cccgaaaaac	600
gcgcactacc	tcgatactaa	agccgcctaaa	atggggcatc	tgctgagcga	gtaa	654

## &lt;210&gt; 3485

## &lt;211&gt; 771

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3485

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agccttattc	tgctgggacg	taatgaagaa	aagctcaagg	ccgtcgcgccg	tgaaatcgaa	180
aacgccggcg	gtacccccac	gccgtggtat	acgctcgatc	tggtgacctg	tacgccagcg	240
tcatgtcagg	ccattgccca	gcgtatcagc	acgcattatc	cgcgtctgga	tggcgtactg	300
cacaacgcgg	ggttactggg	cgaagtgcgc	ccgatggatg	aacaggatcc	ggagatttgg	360
cagcaggtag	tcgaggttaa	cgtcaacggg	cggttcttcc	tgaccagcgc	cttgcttcct	420
ttattactca	actccgattc	cggctcgcgtg	gtctttacct	cctccagcgt	ggggcgtcag	480
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## &lt;210&gt; 3486

## &lt;211&gt; 1653

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3486

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gaagatctaa	aagccaacgc	ccaaaaagtt	ctggccgtac	tgcgctccgg	tgcagcttac	1620
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&lt;210&gt; 3487

&lt;211&gt; 1362

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3487

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atggcggctg	cgccactgaa	ctacgtgggc	gtgttccgcg	atgcggatat	taacgacgtt	960
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gcgtacattg	atgctctgcg	acatgctctg	gcgcctcagg	ttcagatctg	gaaagcgcaa	1080
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gacaatgtcc	tgctggcggg	gggattaagc	cccataact	gtgtggaagc	ggccaaaacc	1260
ggctgcgcgc	gcctcgattt	caattcaggc	gtagagtccc	aaccgggcct	taaagacgcc	1320
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&lt;210&gt; 3488

&lt;211&gt; 861

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3488

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&lt;210&gt; 3489

&lt;211&gt; 1227

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3489

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&lt;210&gt; 3490

&lt;211&gt; 435

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3490

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&lt;210&gt; 3491

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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 <221>unsure  
 <222>(214)

<400> 3491

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<210> 3492

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 3492

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<210> 3493

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 3493

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cgcgccgccc	ttgccagcct	ggctcggtctg	gtgcttattg	cgctgtttgt	caccttgccg	180
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<210> 3494

<211> 813

<212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3494

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## &lt;210&gt; 3495

## &lt;211&gt; 471

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3495

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## &lt;210&gt; 3496

## &lt;211&gt; 1023

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3496

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taa						1023

## &lt;210&gt; 3497

## &lt;211&gt; 864

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3497

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## &lt;210&gt; 3498

## &lt;211&gt; 648

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3498

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## &lt;210&gt; 3499

## &lt;211&gt; 876

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3499

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## &lt;210&gt; 3500

## &lt;211&gt; 654

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3500

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&lt;210&gt; 3501

&lt;211&gt; 633

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3501

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gaaggcgctg	gcgatgttaa	gcctttcttg	taa			633

&lt;210&gt; 3502

&lt;211&gt; 1062

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3502

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&lt;210&gt; 3503

&lt;211&gt; 2841



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3503

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&lt;210&gt; 3504

&lt;211&gt; 348

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3504

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ttactggtgt tggcgatttt tgtcatttca gtcacattgg gcgcgcaaaa cgatcaacag 120

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cgtgtttctc	ttgttcgcgc	tgaacgtaaa	attaaacgac	ttgaacatca	acttacgcct	300
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&lt;210&gt; 3505

&lt;211&gt; 1089

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3505

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gccaaagagt						1089

&lt;210&gt; 3506

&lt;211&gt; 1749

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3506

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aacgctgcaa	tggctgcgga	cgttcctgct	ggtgttcagc	tggctgagaa	gcaaacgctg	240
gtacgtaata	acggtgcgga	agtgcagtct	cttgatccgc	acaaaattga	aggtgttcca	300
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accgttatca	atcaagtcac	ctacctgcca	atctcttctg	aagtgaacga	cgtaaaccgc	900
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gggggttata	ccggtaaaga	cccgttggat	aatatattccg	ttaagaatct	ttatattatc	1740
aagcattaa						1749

&lt;210&gt; 3507

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3507

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gcgccacagg	cgcaacagcg	gaccagcgca	ctgctggacg	ttaaagacct	ccgcgtgacg	120
tttaaaaccc	ccgacgggtga	tggtactgcc	gttaacgata	tcaacttcga	cctgcgtgcc	180
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ctgatgggcc	tgctggcgtc	aaacggcgctg	atcggtgggt	cggcgacgtt	taacggaaaa	300
gagatcctga	atgtgcccga	acatgagctg	aataagctgc	gcgcggagca	gatttcaatg	360
attttccagg	atccgatgac	gtccctgaac	ccctatctgc	gtgtgggcga	acagctgatg	420
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&lt;210&gt; 3508

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3508

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cgctatctgg	gcgcgtttta	tctgctgtgg	ctgggcggga	aaatgctctg	gtccgttatg	300
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cgttacctca	aaaccaaaaa	gaaactggcg	aagctgggga	acgggctgat	aggtctgctg	600
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&lt;210&gt; 3509

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3509

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&lt;210&gt; 3510

&lt;211&gt; 885

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3510

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&lt;210&gt; 3511

&lt;211&gt; 2610

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3511

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cagcagtacg	tggcggcgag	gaaagagggc	aaagcgaccg	gatggtcagc	cttcttcgtc	2580
gacgggaaat	gggttgaagg	caagaaataa				2610

&lt;210&gt; 3512

&lt;211&gt; 990

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3512

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ctggtgcgtc	tggtatgcga	tgatattttc	agccacagca	ccaccaagat	aggttttcgt	840
cgcagcacgt	tcctgcgcag	ctatatgtat	gattttattc	aacgcttcgc	gccacattta	900
acgcgcgacg	tggtggatac	agctgtagcg	ttacgctcca	atgaagacat	cgaagagatg	960
tttaaagaca	ttaaacttcc	cgcgaataaa				990

&lt;210&gt; 3513

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3513

tatatggcag	agcaacatcg	tggtggtacc	ggtaattttc	ctgaagaccg	tgaaaaggca	60
tcagaagctg	gacgtaaagg	cggccagcac	agcggcggtg	attttcaaaa	cgatccgcaa	120
cgcgcactcg	aagcgggtaa	gaaagggggc	cagaacagtc	acggcgagg	ccgtaaatct	180
gataactcct	ga					192

&lt;210&gt; 3514

&lt;211&gt; 567

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3514

atataccgag	agcatgctgc	gggcccgtcg	gctcgcagta	ccttcccttt	atttcactgg	60
agcgaaaata	tgaatatgaa	aactggtgaa	gatgtattta	ttcacctgtt	atccgacacc	120
tacagcgctg	agaagcagct	gacccgcgct	ctaagcaagt	tagctcgcgc	cgcatccagc	180
gagaagttga	gtgccgcgtt	cacggcccac	ctcgaagaga	ctcagggaca	aatcgagcgt	240
atcgatcaga	ttattgagca	ggaatccggc	ctcaaactga	agcgcgatgaa	atgcgttgcg	300
atggaaggct	taattgaaga	agccaacgaa	gttattgaga	gcactgaaaa	aatgaagtgc	360
cgtgacgctg	cattaattgc	cgcagcacaa	aaagtcgagc	attacgagat	tgccagctac	420
ggcaccctgg	ccaccctggc	tgaacaatta	ggctataaaa	aagccgttaa	acttcttgcc	480
gaaacgctgg	aagaagaaaa	agaaaccgat	ctcaaattaa	ccgatctggc	tgtcggcaat	540
attaatcaaa	aagcccagaa	aggataa				567

&lt;210&gt; 3515

&lt;211&gt; 1653

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3515

taccgaaggt	tataactaag	gattactatg	gcaggctggc	atacacgcgc	cattattttac	60
cagatagata	ctgccctggt	ttacgatctg	aacggcgatg	gctgtggcga	catcgccgga	120
atcgccgcga	agctacgcta	catccgcggg	atgggcgcga	cggttatctg	gatcactccg	180
ttttacctca	cgccttttct	cgatgaaggc	tatgacgtga	gcgaccattt	gcaggctgat	240
ccccgcttcg	gcaagctcaa	cgatatcatc	gcctttattg	aacaggcgcg	ggagctggga	300
atgcagggtca	ttattgagct	gctgatccag	catacctcgg	atgcgcaccc	ctggtttcaa	360
caggcccgcg	gcaaccctca	gtcaccctat	cgtgactatt	acctgtgggc	cgacacggac	420
gacgacgata	cgccgcggat	gttccccggc	gtggagaaga	gtatctggac	atgggacgac	480
gaggcggggc	aatactatcg	gcatatgttt	tatcaccacg	agccggatct	caatctggcc	540
tcccctgcgg	tgctgaagga	ggttgagaac	atcatcatct	tctggctaaa	gctcgggggtg	600
tcgggctttc	gcctggatgc	ggcgctgcac	ctgacaaaac	aggccggacg	tggggatgaa	660
aaacgcggcc	tgtggatcct	ggagcatctg	cgccgtctta	tcgagcagcg	taaccgggat	720
gcgatcctgc	tcggcgaagt	cgacgtggag	gtcgaaggct	acaaagatta	ttttgggtcag	780
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aaaaaaacga	agcagaccgt	cattgatgcc	tttgcccctg	acgaagaaat	gagtgtgtat	1020
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ttttgccatg	cggctcttgt	ttcgctgccg	ggcgtaccgg	tcatgcgcta	cggggatgag	1140
attggcatgg	gagatgattt	ggaactggag	gagcggttac	ccgtacgcac	cccgatgcag	1200
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atcggcgtcg	cgccgtttcg	tcttattaat	atcgacagcg	atgcggtgct	ggggatctat	1440
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tttaccgccca	gagggatccg	gcatgcgacc	tggaccgcct	gcctggcgga	caaacgctac	1560
aacgacgcgc	tgggtgtgcg	caaaaccgtc	gcgcttaacc	tcagcgggcta	tggctaccgc	1620
tggttctgga	ccgatcgtac	cgcactgcgc	tga			1653

&lt;210&gt; 3516

&lt;211&gt; 435

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3516

caacaatact	taataagtca	agacatccaa	aatgaaggat	atcagatgaa	attatcagtg	60
atttcagctt	tgtaaatatt	aattatccct	actgcctggg	cagataataa	cggcggggta	120
caaaaggggtg	acgcgcgcgc	accgcgcgat	gcgttgga	gcggttatcg	tggtaccgat	180
gatgcgcgca	ttatgacct	tactcaggcg	aaagagatgc	atgatggcgc	ctctatttca	240
ctgcgcggca	atcttattga	tggcaatggc	gataaatacg	tattccagga	taaaaccggg	300

aaaatcgacg	ttattatccc	gaaagccgta	tttgacgaca	gaaccgtgga	acctgacaac	360
atgatcagta	ttagcggctc	gctcgataaa	aaatcatccc	cacccgtagt	ccgggtcagc	420
cacttgcaaa	aataa					435

&lt;210&gt; 3517

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3517

accattaagc	atthttggcac	tggagcatca	atgagtattc	aagaacacgt	tatttttggt	60
aatgaccagg	gaaaagtgat	tggcactcag	gagaagtacg	ccgcgcacac	gtcacacacc	120
ccgctacacc	tggcctttct	ttcatggctg	tttaacgcta	acggagaatg	tctgatcacc	180
cgtcgcgcct	taagtaaaaa	agcctggccc	ggcgtatgga	ccaactccgt	ttgcgggtcat	240
ccacaggccg	acgaagcgac	agagcaggcg	attatccgcc	gctgccgctt	tgaagtcggc	300
gccgaaatca	cagacatcac	ccccattgcc	ccggagttcc	gctaccgtga	agccgacccg	360
tcagggatcg	ttgaaaacga	aatctgcccc	gtctatgccg	cccgcgtaac	gaataccctc	420
gcaatcaatg	acgatgaagt	gatggaatat	cagtgggtgg	agctggacgc	gctattccgc	480
gcgctggacg	ccacaccgtg	ggcatttagc	ccgtggatgg	tgcaagaagc	gaacactgcg	540
cgtgaaaaac	tcagcgcctt	cgcggcgcaa	ttaa			573

&lt;210&gt; 3518

&lt;211&gt; 534

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3518

gatagttacg	cgatgaatat	tggctctgtt	tatgggtcca	gcacctgcta	caccgaaatg	60
gcggcggaga	aaattcgtga	catcattggc	ccggaactgg	tgacgttgca	taacctgaaa	120
gatgacgcgg	ttgccttgat	ggagcagtac	gatgtgctga	ttctgggtat	ccctacctgg	180
gactttgggt	agattcagga	agactgggaa	gccatctggg	atcagctcga	ttcagtcaat	240
tttgaaggca	aaatcattgc	gatgtatggc	atgggcgacc	agttgggcta	cggggagtgg	300
ttcctcgacg	cgctcgagat	gctgcattgac	aaactggcgc	caaagggcgc	gacgtttatc	360
ggctactggc	ctacggaagg	ctatgagttc	accagcccaa	aaccgcgtcat	tgccgacggc	420
cagctgtttg	tcgggctcgc	gctggatgaa	accaaccagt	acgatctcag	cgacgagcgc	480
ctccagacct	ggtgcgaaca	aattctgggt	gagatggccg	agcagtttag	ctga	534

&lt;210&gt; 3519

&lt;211&gt; 633

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3519

gcaccctgtc	cgatgcaaaa	ggaaaataac	atgagagcct	taatagcctt	acttctgctg	60
tcgttatcaa	cgttcgggtt	cgccgcaccg	tcagatgacg	cttccagcga	ccagctggca	120
aaactgttgt	ttaacgaccc	caacagcccg	cgaaccggcg	cggcacgcgc	gaagctgacc	180
atcgtctcct	tcacggacta	caactgcccc	tattgcaagc	agttcgaccc	aatgctggag	240
aaaatcgtgc	aggaaaatcc	cgacgtgcag	ctcatcgtca	aactgctgcc	gtttaaggga	300
caaagctcgg	taaatgccgc	gaaagcggcg	ctctcgacgt	ggcagcaggc	gccggataaa	360
ttctgggcgc	tgacaccagc	ggtgatgatg	aaaaagggct	atcacgatga	cgccagcatc	420
gcccgcgcaa	aggtcaagac	cggaacggac	agcattaaaa	cggatgataa	aaccatggac	480
agcctaaaga	tgaacctcat	cctggcgacg	gtgctgaata	ttcagggtac	cccggcgacc	540
attatcggcg	accagatggg	ggcggggcgc	attccgtatg	acgacctgga	ggggctggtc	600
aaagaacagc	tggcaaacgc	ccgtggcaag	ttaa			633

&lt;210&gt; 3520

&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3520

agcgaaaaaa	taacgaaaga	gggagaaact	atgtttcgac	acgtaaaaca	gctgcaatac	60
acggtacgcg	tagccgaacc	gaatccgggc	ctggccaatc	ttctgcttga	gcagtttggc	120
gggccacagg	gcgaacttgc	cgcggcatgt	cgttacttta	cgcaaggatt	gagcgacgac	180
gatccccggtc	gtaaagatat	gctgatggat	atcgcgaccg	aggaattaag	tcacctggaa	240
attatcggca	ccctggtggg	tatgctgaat	aagggtgcga	aagggtgaact	ggcgggaaggc	300
gttgaaaaatg	aagcgggaatt	gtaccgctcc	atgaccgaga	acggcaacga	cagtcatatc	360
acctccctgc	tctacggcgg	cgtactcca	ctgaccaact	ccgggggct	accatggacg	420
gcggcgatg	tggatactat	tggcgagccc	accgccgac	tgcgctctaa	cattgcgggc	480
gaggcgcgcg	ccaaaattat	ctacgaacgg	cttattaacg	taacggacga	tccgggtgtt	540
aaagatgcgc	tggcggtttt	aatgacgcgt	gaggcagcac	accagctctc	atgtgagaag	600
gcgctccagt	cgatccgtaa	caatttccca	ccgggtaaat	tgcccgccaat	cgaagagtac	660
actaataagt	actacaatat	gtctgagggg	ggagaagttc	gcggtagctg	gaacagcgat	720
aagcacttcg	actacgtgga	atctcctcag	cccgcggtcg	atggcggtga	cggcggcgca	780
agcgtaacgc	tcacgacaga	gcaggccacg	ctggtcaaag	cgatgtgcgc	acgtacgaaa	840
tccgacccta	acgccgatcc	gcttaccggt	gccgagcttg	gcgcaggtaa	gaaaaaacgc	900
taa						903

&lt;210&gt; 3521

&lt;211&gt; 1077

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3521

tacatcgggc	acccctgccc	gtccgctgtc	cgcgcgcgag	tctgttccgg	aagaggagaa	60
gatctgatgg	gcgtcgatat	cccggtcac	tggtttgcca	ttattgtctt	cgccacgctg	120
atgtacatca	tcattggacg	tttcgatctc	ggtatcggca	tgtgtttcag	ctttgtgggt	180
gatgccaaag	agcgcgacgt	gatggtgaac	agcgtcgccc	cggctctggga	cggaaatgaa	240
acctggctgg	ttctcgggcg	cgcagggttg	ttcggcgctg	ttccgctggc	ctacgcggta	300
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gtggcatttg	agtttcgctt	taaggcgacc	ccttcccacc	gcaaattctg	ggactattct	420
tttgctggcg	gttccttgct	cgcaaccttc	agccagggga	tctgtggttg	cgcgatgac	480
aacggctttg	acgtggaagg	gcgtcgcttt	gtgggctcct	cgtggactg	gttcaccccg	540
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ctgtggccac	acataattcc	gccgcacatc	acctgtgtgg	aagccgcgcg	gccgcctgcc	960
agccagctgt	ttatgctgat	cggcacgctg	ttaatcatcc	cgggtgatcct	ggtttatacc	1020
gcctggagct	attacgtctt	ccggggcaaa	gtgtctgata	ccgaagggtta	tactaa	1077

&lt;210&gt; 3522

&lt;211&gt; 930

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3522

cgctgtaact	atccatcaaa	tctcaccct	aacaaggagt	tagctatgag	tgataatgaa	60
caacgtacga	acgcttacc	aacgccacct	ttcccgaagc	aaccccagac	gccgcggggc	120
ctgtcctcag	aatggaacc	cgtaaccgac	caaggcgaga	agagctacaa	agggcattga	180
cgtcttgccg	gtaagaaggc	gctaattacc	ggggcgatt	ccggcatcgg	acgcgcggta	240
gccattgcct	atgccgcgca	aggggcagat	gtcgccatta	actatttgcc	ggaagaggaa	300
gaagacgcag	cggaagtcat	caccctgatt	aaagcggaa	gacggaacgc	cgtcgcgctt	360
ccgggcgatg	tgcgcgacga	aactttttgt	cagaacctgg	tggagcaggc	cgtctcaaaa	420
ctgggcgggc	tggatatcct	ggtgaataac	gcaggccgc	agcagtatcg	tgagtgcgtg	480
gaagaactga	ctacggaaga	ttttgacgcg	acctttaaga	ccaacgtcta	tgcgcctttc	540
tggatcacia	aggcggcggt	gcgccacatg	aaagccccctg	catccattat	taacacctcc	600
tccgttcagg	gggttaaac	gagcgccgta	ctgcttgact	atgcgcagac	caaagcctgt	660
ctcgcggtgt	ttaccaaagc	gctggcgaaa	cagctgggtc	cgaaggggat	ccgcgtgaac	720
gcggtagcgc	ccggacctta	ctggaccgtg	cttcagccca	gcgggtgggca	gccacaggaa	780



aaagtgaaac	atthttggcga	gagtaccctt	ctgggacgcc	cgggacagcc	cgtggagatc	840
gcaccgctgt	atgtcactct	ggcctcggat	gagtgttcat	acacctccgg	ccaggtctgg	900
tgttcagacg	gcggcgacgg	cgctcattga				930

&lt;210&gt; 3523

&lt;211&gt; 1527

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3523

caaattacaa	tttccacaaa	ttgttatatc	gtgacattta	attccgcttt	gctagactcg	60
aaatcaataa	gtcctgaatt	gagaatagca	aagatgaaaa	aactcacctt	accgaaagat	120
tttttatggg	gcggcgcggt	ggcggcgcac	caggttgaag	gcggctggaa	caaaggcggc	180
aaagggccaa	gcattctgca	cgtgctcacc	ggcggcgcac	acggcgctcc	gcgtgaaatc	240
acgcaggaag	tgattgaagg	caaataattac	ccgaaccacg	aagccgtcga	cttctatggc	300
cattacaaag	aagacattaa	gctgtttgcc	gagatgggct	tcaaattggt	ccgtacctcc	360
atcgcttga	cgcgcattct	cccgaaggc	gacgaaactc	agccaaacga	agaggggctg	420
aagttttacg	acgacatgtt	cgatgaactg	ctgaagtaca	acatcgagcc	ggtgatcacc	480
ctctcccact	ttgaaatgcc	gctgcatctc	gttcaggaat	atggcggtatg	gaccaaccgt	540
aaagtggctg	atttctttgt	gcgcttctcg	gaagtggat	ttgagcgcta	caaaaataag	600
gtcaaatact	ggatgacctt	caacgaaatc	aacaaccagc	gcaactggcg	tgcgccgctg	660
ttcggtact	gctgctctgg	cgtggtctat	accgagcacg	acaaccggga	agagaccatg	720
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gacgtgcagc	tgcgcggcta	ttaccgctct	tacgtgctga	acgagtggga	gcgccgtggg	960
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cagattgatc	cggtaggcct	gcgctattcg	ctttgtgaac	tgtacgaacg	ttatcagaag	1200
ccgctgttta	tgcctgaaaa	tggttttggc	gcctacgaca	aagtggaaga	ggacggcagc	1260
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tccttcacca	ccggccagta	cagcaagcgc	tacggcttta	tctacgtcaa	caagcacgac	1440
gacggtaccg	gtgacatgtc	ccgctcccgt	aagaagagct	ttgagtggta	taaaaccgtc	1500
attgccagca	acggcgaaac	gctgtaa				1527

&lt;210&gt; 3524

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3524

atattcaggg	taccccgggc	accattatcg	gcgaccagat	ggtggcgggc	gccattccgt	60
atgacgacct	ggaggggctg	gtcaaagaac	agctggcaaa	cgcccgctgg	aagtaagctt	120
ccgcgcctgc	tgcgcgagct	ggcgctgtgg	ctgctgattg	gcgtagccgt	gagcctggcg	180
gtggactatt	tccgccagcc	cgcgctgccg	cagaatttct	ccgcgacggc	actgcacacc	240
ctcgacggtc	agcccgctga	tcttatcgcc	atgagtaagg	agcgaccgct	gctggtctac	300
gtctggcgca	catggtgcgg	cgttttccgc	tacaccacgc	cgtcggtggc	ggcgcttgcc	360
gcggacgggg	gtaacgtgat	gtcgggttgc	ctgcgctcgg	gcgataacgc	gacgctcgaa	420
acatggatga	ggaagaagaa	ggcgatgatg	cccacggtca	acgacgccag	cggagaactg	480
gcgcgtgagt	gggacgttaa	ggtgacgcca	acgctggtgg	tgatctctca	cgttgaggtg	540
aagtcgatca	ccaccggctg	gaccagcggc	tggggaatgc	gcctgcggct	gtggctggcg	600
tcgtag						606

&lt;210&gt; 3525

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3525

tacgcggtgg	cgataactaa	ctcactcact	gaacagctgg	cgaaacggat	gacggtggat	60
accggcatgc	ggatgetggt	gagttttggc	gtggtgctga	ttctgaatct	gatcttcctg	120
atggggcggc	acatcaccat	taaggtgatg	ggtttccttg	tctttccgct	gatcgccat	180
ttcctgtttg	tctcgctgta	tctgacgggc	agctggcagc	cgctcgcttct	gacgagccag	240
atggccttcg	accagcatac	gttgaccag	gtgtggattt	cgatcccggg	gatggttttc	300
gcttttagcc	atactccgat	catctcgact	ttcgccgtgg	accgtcgcg	gaaatacggg	360
gaagaggcga	tgggtaaatg	caaaaaaatc	atgaaagtgg	cgtatctgat	catctgcctc	420
agcgtgctgt	tctttgtgtt	cagctgcctg	ctttcgattc	caccgtcgta	tatcgtggcg	480
gcaaaagagg	aaggggtgac	gatcctgtcc	gcgctgtcga	tgatgccttc	gtccccggca	540
tggctgggta	tttctggcat	tatcgtggcg	attattgcga	tgctgaaatc	gttcctcggc	600
acctattttg	gcgtgattga	aggggcaacg	gaaattgtga	aatcgtcgct	gaatcagggtg	660
ggtgtgaaga	aaagccgcgc	ctttaaccgc	gcggtttcta	ttctcgcggt	gtcgtgatt	720
acctttgcgg	tctgctgcac	caaccggaac	gccatttcaa	tgatttacgc	tatcagcggt	780
ccgcttatcg	ccatgatcct	gttcacatg	ccgacgctgt	cgacgtacct	gatcccgctc	840
ttaaaaccgt	accgctccat	cggtaacctg	ctgacgctga	ttgtagggtg	gctgtgtgtg	900
tcggtgatgt	ttgtcggttg	a				921

&lt;210&gt; 3526

&lt;211&gt; 534

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3526

ccagataata	aatcacagga	gttaattatg	aatcatgtag	aacactacca	tgattggcta	60
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&lt;210&gt; 3527

&lt;211&gt; 1452

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3527

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&lt;210&gt; 3528

&lt;211&gt; 999

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3528

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&lt;210&gt; 3529

&lt;211&gt; 762

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3529

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&lt;210&gt; 3530

&lt;211&gt; 375

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3530

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 <213> *Enterobacter cloacae*

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 <211> 783  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 ggaattttgt ttgaacagtc caccattgaa aacctctccg ctgaacgtat taaccgcgtg 360  
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taa

783

&lt;210&gt; 3533

&lt;211&gt; 687

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3533

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&lt;210&gt; 3534

&lt;211&gt; 873

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3534

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&lt;210&gt; 3535

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&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3535

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&lt;210&gt; 3536

&lt;211&gt; 1527

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3536

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&lt;210&gt; 3537

&lt;211&gt; 636

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3537

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aaattcggct	ggtctcatta	ttttgatacc	aatatggggt	caaaagcggt	tgagaacacg	180
cattccgatc	acttcgattt	tgaccatgat	aatgtcagcg	ggggtgttta	tacgggttat	240
cagattaccc	catggccttg	ggtagaaggt	ggttatgatt	atttaggcaa	catgcagatt	300
aaaggccagc	atggcgcagg	ggcgcaaatg	aagacgcagg	gcctgcaact	gtctctgaag	360
gccagttatg	ccctgaccaa	tgactgggat	atttacggcc	gtaccggcgc	aatgggctat	420
cgcgctgaat	ccgatgtaag	tggtcacaa	cgttttgaaa	cagggtgtgcg	cccgttgct	480
gccgtgggta	ctgaatacgc	cttcaataaa	aactgggcgg	gccgcctgga	gtatcagtgg	540
gtaagcaacg	tgggcaatgt	taaccagatc	ggcgtgagca	gcgacctgag	ttccgtcacc	600
gcagggctta	gctatcgctt	tggtcagtac	gactga			636

&lt;210&gt; 3538

&lt;211&gt; 1035

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3538

tcgaaatact	ctccggctgg	gataacgtct	gaaacaagg	gaaaggctat	ggctgtcatc	60
gttattaccg	gcggtacggc	gggcgtgggg	aaggccacgg	cgctgcactt	tgccaaagcg	120
ggctacgatg	tgggcatcat	tgcccgcgat	gagcagagcc	tgcgctccac	agaagaggag	180
ttgtgccgtt	tcgggatcaa	cgctgtgcc	gttcaggccg	acgtggcgga	cagcaaggcg	240
gtgaccgatg	ctgctaacga	gattgaatac	cggtttgggg	ccatcgatgt	gtgggtgaat	300
aacgccatgg	gcgggatgct	ggcgccggtt	cgccaccatgt	cgctgagga	gtttcgccgc	360
gtcaccgagg	tgacctatct	gggctatgtt	aacggtaccc	gcgccgcgct	ggagttaatg	420
actcctcgtg	accggggggac	gattattcag	gttggctccg	cgctggccta	ccgctccatt	480
cccttgacgt	cagcctactg	tggggcgaaa	gccgcgatcc	gcgggtttac	tgacgccgtg	540
cgacccgagc	tgatgcatga	aaacagccgg	gtgcagatcg	caatggtaca	gatgccgggc	600
ctcaacacgc	cgcagttcga	gtgggcgagg	aataaatttt	cctgggcgat	gcgcccggtt	660
cctcccgtgt	ttcagccgga	agtggctgcc	agcgcgattt	tcaaggtagc	gcaaaaaccg	720
gtgcgggagc	tgtgggtggg	cagcagcacc	gtccagtcga	ttgtcgggca	atttcttttt	780
cccggctttc	tggatcggtt	gatggttaaa	aaggcctggg	aagggcagat	gaccgatacg	840
ctaaatgcgg	atgaccgtca	ggactatctg	gatcagccgg	ttaacgatct	gcataaaatc	900
cacgggcact	tcaccgacga	agcaaaagag	cgcgccacca	gcgttacctc	cggcattgccg	960
gggaaagtgc	tgctcggctc	cctcgccgctc	acgggtgcga	tcgtggcgcg	tcttatgctc	1020
tcgcggagac	gataa					1035

## &lt;210&gt; 3539

## &lt;211&gt; 297

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3539

cgtaggtcagg	cggatcggct	gagggatatgc	ttcttttgtc	accacaataa	ttacagaggc	60
aatatcatgg	atcaggagct	actggatgcy	gggtaccggg	cctacaccgg	tgagaaaatt	120
gatgtttact	tcaataccgg	gatctgcaaa	cactcgggca	actgcgtgcy	cggcagcgcy	180
gcgctgttcg	acctgaagcy	taaaccatgg	atcgcgctg	atgaagtaga	tgagaaaacg	240
gttgtgcgcy	taattgatac	ctgcccagac	ggtgcgctga	agtaccgcca	aaaataa	297

## &lt;210&gt; 3540

## &lt;211&gt; 282

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3540

tgcaggaaac	agaacatgga	tattaacaac	aaggcccgtg	ttcactgggc	gtgccgtcgc	60
ggcatgcgtg	aacttgatat	ctccatcatg	cctttcttcg	agtatgagta	cgacagctta	120
agcgatgacg	ataagcgcc	gtttgtccgt	ctgcttgagt	ctgacgatcc	ggattttattc	180
aactggctga	tgaatcacgg	caagcccgcc	gacaccgagt	tgcaacggat	ggtgcaatta	240
attcaaacac	ggaatcagga	acgtggctct	gtggcaatct	ga		282

## &lt;210&gt; 3541

## &lt;211&gt; 771

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3541

tcgccatttc	acgctgaccg	aggagctgtt	ttgtttgcag	gaagcctgac	gagaaacccg	60
atcattgccg	ttttctgcct	gacgctgacg	ctactttag	caggatgctc	ggggagttaa	120
tcttcggata	tgggcagtta	ttccggtgca	gtctataccg	ttaagcgcg	ggacacgctc	180
taccgcatct	cacgcgccac	gggaaccagc	gtgaaggagc	ttgcgcgcct	gaataatatt	240
tctccaccgt	atactattga	ggtagggcag	aagctcaagg	ttaacggcgg	ttcttcctca	300
gggaaaaagt	cctcaacgcy	taaaacagcc	aaagtcacgc	catcctatca	ggtgcctaaa	360
tcactctggc	cgccggtcgg	tcagcgctgc	tggatctggc	ctgcaagcgg	aaaagtgggt	420
gcgccgtact	gcctctcgga	aggtggcaat	aaaggtattg	atatcgctgc	cgcacgcggt	480
acaccggttt	acgcttcagg	ggccgggaag	gtggctctatg	tcggtaacca	gcttcgtgga	540

tacggtaacc	tgatcatgat	taagcatggt	gaggactaca	ttacggcgta	tgcgcataac	600
gacacgatgc	tgggtcaataa	cgggcagaac	gtgaaggcgg	ggcagaagat	tgcgaccatg	660
ggcagtaccg	ggacggatac	ggtgaagctg	cacttccaga	tccgctataa	ggccacagcc	720
atcgatccgc	agcgttatct	tccggcgcat	ggcagtaagc	cgaagtgcta	a	771

&lt;210&gt; 3542

&lt;211&gt; 702

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3542

cggcaatgta	aaagaaatca	tgaggaaaga	aatatggctg	ctacaaacgg	tatgattgat	60
actgatgacg	ctgtaatddd	actcatcgac	catcagagtg	gcttattcaa	cacggtagct	120
gatgtgcctg	taccagacct	tcgtaattat	gtgacagcga	tagccaaagt	tgccacgctt	180
ttaaataatcc	cggatgatcac	cacggcctct	gttcctgacg	gtcccaatgg	cccgtctatc	240
ccggaaattc	acaaatatgc	accccatgcc	gtgtatgttc	cacgcaccgg	gcagattaat	300
acctgggata	atccggcggt	tgtgaaggaa	gtggaaaaga	cgggcagaaa	gaccctgatt	360
attgccggca	cgctcaccag	cgtctgcatg	gcgttccctg	cggttagcgc	tgtccacgag	420
gggtataagg	tttactgtgt	tgtggatgcc	tcgggggaact	ggtccaaaat	cgcgaccgat	480
accaccatcg	cgcgcgtggc	tcaggcgggg	gcgatcccta	cggatacggt	tgccattgtc	540
gctgaattaa	tgagaacctg	gaaccgcgag	gaaggttctc	gctttgctga	gatcctggca	600
gagcatgtct	gtccggaata	taagtgcctg	attgaaagtt	tcggcaaaag	tcaggaaatt	660
gccagaacgg	gcccggaaac	caatctggag	cattataagt	aa		702

&lt;210&gt; 3543

&lt;211&gt; 456

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3543

gagtcgaata	tgacatggt	ttttcgtgcc	ctggcaattd	acctgtttct	ggtcattgtg	60
tttaaagttd	ccgggcgggc	cgccctgcta	caaatgacca	gttttgacct	tattttgctc	120
ttaattatca	gtgaagcgac	acagcaggcg	ctacttggcg	aagatttttc	catcaccggg	180
gcgatgatta	caataacaac	gctggtggtg	gtggatatta	tatttggcct	cctgaaaaaa	240
tatttttcca	ctgttgagaa	tattcttgat	ggcacgcggg	tgatattggt	ggagaacggg	300
gtcccccttg	ccgataaact	gaaaaagggt	gatgtatcct	gtgatgatat	attgggtatca	360
gcccggcaga	atcacgggat	tacagaattg	aaggagataa	aatacgctat	tcttgagcgt	420
aatggtcata	tttctattat	tcctgacgaa	aattaa			456

&lt;210&gt; 3544

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3544

ggaaccatgg	aaattcttga	aggccataac	aagttdttacg	tcaacgacgc	cgaaggcaat	60
caggtagcgg	agattgtctt	tgtcccgcac	ggcgagcatc	tgagcatcat	tgagcacacc	120
gatgtagatc	caagcctgaa	agggcagggt	gtgggtaagc	agctgggtgg	gaagggtgta	180
gagaagatgc	gcggggagaa	ccgtaaaatt	atcccgtgtg	gtccggtttg	gaagcatgag	240
tttgataata	cacgggagta	tgacgatatt	cgggcgttaa			279

&lt;210&gt; 3545

&lt;211&gt; 2958

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (35)

&lt;400&gt; 3545



tccttaggat	gtgctgcctc	cggcgggtta	agagnagga	gagggaggaa	ccacattcac	60
tgcacgtttc	aggaaccatc	gctcatgaca	cagactttaa	gccagcttga	aaaccgtggc	120
gccttcattg	aacgtcacat	tgggccggat	gctcagcaaa	ggcaggagat	gctgaagaca	180
gttggcgcg	attcattaaa	cgactgatc	ggccagatcg	tgccaaagga	catccagctt	240
gccacgccg	cgcaggtagg	cgagtccacg	acggagttcg	ccgcgctggc	ggagcttaag	300
gccatcgccg	gccttaacaa	gcgctataag	tcttacattg	gcatgggcta	caccaacgtg	360
cagttaccgc	cgggtgatcct	gcgtaacatg	ctggaaaacc	cgggctggta	caccgcttat	420
accccgatc	agccagaagt	ctcccagggc	cgtctggaag	cgctgctgaa	cttcagcag	480
gtgacgctgg	atctgaccgg	tatggatata	gcctctgcct	cgctgctgga	tgaagccacc	540
gccgccgccg	aagcgatggc	gatggcgaag	cgctgagca	aactgaaaaa	cgccaaccgt	600
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atcgccgagc	tgaatccccg	taagattatt	gttagcgctg	ccgctgattt	tatggcgctg	840
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tttaaacgct	ccatgccagg	ccgtattatc	ggcgtatcga	aagatgccgc	cggtaacacc	1020
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aacatttgta	cctcgcaggt	actgctggct	aacattgcca	gcctgtacgc	ggtgttccac	1140
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tccgactggc	tgggtgaagct	gaccgggttat	gacgcgctct	gcatgcagcc	gaactccggc	1800
gcgcaggggtg	aatacgcgcg	tctgctggca	atccgtcact	atcacgaaag	ccgcaacgaa	1860
ggccaccgtg	atatctgctg	gatcccaagc	tctgcccacg	gtaccaaccc	ggcttctgcc	1920
cagatggcag	gaatggaagt	ggtgggttgtg	gcgtgcgaca	aaaacggcaa	catcgatctg	1980
gccgacctgc	gcgcccgaagc	cgagcaggcg	ggcgacaaac	tctcctgcat	catggtgacc	2040
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cagttcggcg	gccaggttta	cctcgacggc	gcaaacatga	acgcccaggt	gggcatcacc	2160
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ccgcacggcg	gtggcgggcc	ggggatgggc	ccaatcggcg	tgaagcgca	cctggcaccg	2280
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attgccaagc	gcctgatcga	ctacggcttc	cacgcgccaa	ccatgtcctt	cccgtttgcg	2640
ggaacgctga	tgggtgagcc	gaccgagctc	gaaagcaagg	tggagctgga	tcgctttatc	2700
gacgccatgc	tggcgatccg	cagcgaaatc	gaccgcgtga	aaggcgggga	gtggacgctg	2760
gaagataacc	cgctggttaa	cgcgccgcat	accagaacg	aactggtggc	agagtggaac	2820
cacggttata	ccgcgagct	ggctgtcttc	ccggcaggtg	tggcaaacaa	atactggcca	2880
accgtgaaac	gtcttgatga	tgtttacggc	gaccgtaacc	tgttctgctc	ctgcgtaccg	2940
atgagcgaat	accagtaa					2958

&lt;210&gt; 3546

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3546

ttcaaacacg	gaatcaggaa	cgtggctcctg	tggcaatctg	atcttcgcgt	ctcgtggcgc	60
tcacagtggg	tgtccttact	gctccacggg	ctggctcgcg	caatgggtgtt	attgggtgccg	120
tggccgctaa	gctatacccc	tctgtggctg	cttttgctgt	cgtttggtgt	gtttgatagc	180
gtgcgcagcc	agcgtcgaat	caacgcccgt	cagggtgaaa	ttaagctgct	gatggattct	240

cgccctgcgct	ggcagggaaa	agagtgggag	atgatgggga	cgccgtggat	gcttaacacc	300
gggatgatgc	tacggctgcg	tcggtctgag	gacaaccgtc	gccagcacct	gtggctggcc	360
gcagacagta	tggatcccg	ggagtggcgg	gatctgcgcc	ggctaatacgt	gcaacagccg	420
acgcaggaat	aa					432

&lt;210&gt; 3547

&lt;211&gt; 927

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3547

tggccagatt	gcagaaccaa	aggggctgat	gtggaaaagg	atctcgcaact	catcgaacag	60
tttctcgacg	cgctgtggct	ggagaaaaac	ctcgctgaaa	atacgctcag	cgccatcgt	120
cgggatctca	cgctgctggg	cgagtggctg	gcgcacgcgg	ggctgacgct	tgaagcgcg	180
caaagcgatg	acctgcaagg	gttgctggct	gagcggatgg	aaggggggta	caaagccacc	240
agctccgcgc	gtctgctgag	cgccatgcgc	cgctgttcc	agcacctgta	ccgcgagaag	300
atccgcgcgg	atgaccccag	cgcaactgctg	gcacgccta	aactgcctca	gcggctgcca	360
aaagatctca	gcgaagcaca	agttgagaga	ttattacagt	cgcccgcact	tgaccttccg	420
ctggagttac	gcgataaagc	catgcttgaa	ctattgtatg	ccacgggctt	gcgcgtttcc	480
gagctggtgg	gcctgacgat	gagcgatata	agcctgcgtc	agggcggtgg	gcgcgttatc	540
ggtaaaggga	acaaagaaaag	gctggtgccc	ctgggtgaag	aggcggtcta	ctggctggag	600
acgtatctgg	aacacgggcg	tccgtggctg	ctgaacggcg	tctccataga	tgtattgttc	660
ccgagccagc	gcgcgcagca	gatgacgcga	caaacgttct	ggcatcgcat	taaacattac	720
gccacactgg	cgggtattga	cagtgagaag	ctgtcgccgc	acgttttgcg	tcacgccttc	780
gcgacgcata	tgttaaacca	cggcgctgat	ttacgcgtgg	tcgagatgtt	gcttggacac	840
agcgatcttt	caacgacgca	aatatacacc	catgtcgcca	cgggaacgcct	gcggcgagcta	900
caccaacagc	accaccctcg	cgcgtga				927

&lt;210&gt; 3548

&lt;211&gt; 1743

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3548

ataattcgcg	tgaagcccc	gataaaaactg	cgccgcgcgcg	atgcgggtga	aaccgcggat	60
ttaccagaca	cgcttccgct	gctgctaaag	cggtgttacg	ccagccgtgg	cgtgcgtacg	120
gcaagcgatc	ttgagcgag	cgtcaaaggc	atgctgccct	ggcaagcgct	gagtggcatc	180
gaacaagcga	gtgaaatgct	ctacgacgcg	ttccgggaag	gcacgcggat	tgtcgtggtg	240
ggcgatttgc	atgccgacgg	cgcaaccagt	accgcgtga	gcgtgctcag	cctgcgtgcg	300
ctgggctgtg	ataacgtgac	ttacctgggt	ccgaaccggg	ttgaagacgg	ctacggcctc	360
agcccggaag	tggtcgatca	ggcccatgcc	cgtggcgcac	agatgatcat	gaccgtggat	420
aacgggatct	cttctcatgc	gggggtcgat	catgcccatg	cgctggggat	cccggtaactg	480
gtcaccgatc	accacctgcc	aggagaaacc	ctgcctgccg	ccgaagccat	cattaaccgc	540
aacctgcgcg	actgcgattt	cccgtcgaaa	tcgctggccg	gagtaggggt	ggcgttttat	600
ctgatgctgg	cgttacgcac	gttgctgcgt	gataagggct	ggttcgaatc	gcgcgggatt	660
gccgtgccga	acctcgcgga	gtatctcgat	ctggtggcgc	tgggaaccgt	ggcggacgtg	720
gtaccgctcg	ataccaataa	ccgtattctc	acctggcagg	gcttaagccg	cattcgggca	780
ggtaaatgcc	gtccggggat	taaggcgctg	ctggaaattg	ccaaccgcga	tccgctgaag	840
ctcgcggcaa	gcgatttggg	ttttgccctc	ggccgcgcgc	tgaacgcggc	ggggcggtcg	900
gacgatattg	cggttggcgt	cgcgctgctg	ctgtgtgaca	acatcggcga	agcgcgcgtg	960
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gccgaagcac	tgacctgtg	cgaaaagctg	gagcgcagcg	gtgacaccct	gccgggcggg	1080
ctggcgatgt	atcaccgccg	atggcaccag	ggcgtggtgg	gcattctggc	gtcgcgtatt	1140
aaagagcggt	tccaccgccc	ggtgatcgcg	ttcgcccccg	ccggggacgg	cacgctgaaa	1200
ggctccggtc	gttccattca	ggggctgcat	atgcgcgatg	cgctggagcg	tctggatacg	1260
ctgcatccga	acctgatgat	taagttcggc	ggtcacgcga	tggcggcagg	cctgtcgcgtg	1320
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gatccggctc	tggtgcaggg	tgaagtgggt	tctgacggtg	agctttcacc	ggctgaaatg	1440
accatggagg	tggcacagat	gctgcgcgat	gccggccggt	gggggcagat	gttcccggag	1500
ccgcttttgc	acggacgttt	tcgttttgcg	caacagcgca	tcgtgggcga	acgccatctc	1560
aaagtgatgg	tggaatcggt	cggcggcgga	ccgctgctcg	acggcatcgc	ctttaacgtt	1620

gatacctcca	tctggccgga	caacggcggtg	cgcgaggttg	agctggccta	taagctggat	1680
attaacgagt	tccgcggtaa	ccgctccctt	cagatcatca	tgcacaatat	caggccaatt	1740
tag						1743

&lt;210&gt; 3549

&lt;211&gt; 1260

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3549

tttaaaatta	aaccctcttt	ctttttacgt	aatcaatcgc	ccctgttata	tctgtcggca	60
aattttttat	ttcccggacc	acagatgaaa	acacgaactcc	tccgtgtcgc	tggcgtatta	120
gctgtctcca	gtgcccacgc	cagcgccctc	tattttttatg	aagccggcac	cgaagatacc	180
gcgcttgccg	gagcagggca	ggcggctcgt	gcgaaggacg	cctcgacaat	catgaccaac	240
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&lt;210&gt; 3550

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3550

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&lt;210&gt; 3551

&lt;211&gt; 2034

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3551

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&lt;210&gt; 3552

&lt;211&gt; 585

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3552

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&lt;210&gt; 3553

&lt;211&gt; 1092

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3553

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&lt;210&gt; 3554

&lt;211&gt; 1797

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3554

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&lt;210&gt; 3555

&lt;211&gt; 819

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3555

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&lt;210&gt; 3556

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3556

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&lt;210&gt; 3557

&lt;211&gt; 1677

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3557

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&lt;210&gt; 3558

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3558

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ctgatgatgg	agccagcggt	gctgctgttc	gacgagccga	ccgcggcgct	ggacccggaa	540
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atcgtgaccc	acgaggtgga	agtggcgcgc	aaaaccgcca	gccgcgtggt	ctatatggaa	660
aacgggtata	tcgttgagca	gggtgacgcg	agctgcttca	ctaaccgcga	aaccgatgcc	720
ttcaaaaact	acttatcaca	ctga				744

&lt;210&gt; 3559

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3559

tgtgttaggg	aaattataat	gaaaaaagta	ttgattgccg	cgctgcttgc	tagcgtcagc	60
ctttccgcta	ccgcagccca	gaccatccgt	ttcgccactg	aagcgtccta	ccctccgttt	120
gaatccattg	atgcgaacaa	caagattggt	ggcttcgacg	tggacctggc	aaatgccttg	180
tgtaaagaga	tcgacgcgac	ctgtaccttc	agcaaccagg	cgttcgacag	cctgatccca	240
agcctgaagt	tccgccgtat	cgacgccgta	atggccggta	tggacatcac	accggagcgt	300
gagaagcagg	ttctgttcac	cacccttac	tacgacaact	cggcgctggt	catcggtcag	360
aaaggtaaat	acgcctccgt	tgacctgctg	aaaggcaaga	aagtcggcgt	gcagaacggc	420
accacgcacc	agaaattcat	catggataag	caccgggaaa	tcaccaccgt	gccgtatgac	480
agctaccaga	atgcgaaact	ggacctgcaa	aacggtcgta	tcgatgcggt	gttcggggat	540
acggctgtcg	tgactgaatg	gctgaaagcg	aacgacaagc	tggctgccgt	gggtgacaag	600
gtgaccgata	aagactactt	cggtacaggt	ctgggtattg	ccgtacgtca	gggcaacacc	660
gagttgcagc	agaaattcaa	cgctgcgctg	gaaaaagtga	agaaagacgg	cacctacgaa	720
accatctaca	aaaaatgggt	ccagaagtaa				750

&lt;210&gt; 3560

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(13)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(67)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt; (219)

&lt;400&gt; 3560

acggagacca	ggntgatgtg	ggattatttta	cccgaactga	tgaaagggct	gcacaccagc	60
ctgacgntga	ccgtcgcgtc	tatcatcgtg	gcgctgatcc	tggcgtgat	cttcaccttc	120
gtcctgacgc	tgaaaacgcc	agtgcgtggt	tggattgtac	gtggctacat	tacgctcttt	180
accggtacgc	cgtcgtcgtt	gcaaattctt	ctgatttant	acggcccggt	gcagttcccg	240
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gcgatcccg	aaggccagtg	gcagtccctg	ggagcgtgg	gcatagcaa	gaaggatacg	420
ctggcgatcc	tgctgcccta	tgccctttaag	cgcgcgctct	cttcctattc	caacgaagtc	480
gttctggtgt	tcaaaagcac	ctcactggcc	tacaccatca	ccctgatgga	agtgatgggc	540
cacggacagc	tgctgtacgg	acgcacctac	gacgtaatgg	tgttcgggtg	ggcgggtctg	600
gtctatctgg	tggtcaacgg	tctgctgacg	ctgatgatgc	gtcttatcga	gcgtaaggcg	660
ttagcgtttg	agcgcaggaa	ttaa				684

&lt;210&gt; 3561

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3561

atggccaaag	aagacaatat	tgaaatgcag	ggtaccgtac	ttgatacggt	gcctaataacc	60
atgtttcgcg	tagaactgga	aaacggtcac	gtggtaactg	cgcacatctc	cggtaaaatg	120
cgcaaaaact	atatccgcat	tttgacgggc	gacaaagtga	ctggtgaact	gaccccgtag	180
gacctgagca	aaggccgcat	tgtcttccgt	agtcgctaa			219

&lt;210&gt; 3562

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3562

acagccccc	ctccaccacc	ggttcattcc	atcttaattt	ataagattta	cgaaggatgt	60
cgaagcatgg	aaatgggtac	tggttaagtgg	ttcaacaacg	ccaaggggtt	tggcttcatt	120
tgccccgaag	gcggcggcga	ggatatcttc	gctcactatt	ccaccattca	gatggatggg	180
tacaggacgc	tcaaagccgg	gcagtccgtc	cggttcgatg	tacaccaggg	gccaaaaggc	240
aatcacgcc	gtcttatcgt	gcccgttgaa	gcagaaacgg	ttgcatag		288

&lt;210&gt; 3563

&lt;211&gt; 990

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3563

aatagcgata	ttccaccaga	agcaggatct	aacatgtctt	ccatcgtcga	tacaccttat	60
tcaacgctgc	cccagcctaa	atcgggctgg	caactgttta	aaagcctgac	atcgggttcc	120
ctcacgccgg	ggctggcgtg	gcaaaatccg	gcctatcgac	gtaagtttat	gttgcgctcg	180
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atgcagatcc	tgccgctgca	gcccggcctg	ccgtgccgcc	tgacccggcc	gtggctgacc	300
gtaaatatgg	gtcgtcagaa	tacgctggac	gcattgaacg	atcactatca	gatgatgagc	360
cgccatcttc	cggcgtcgtt	gctcaacggc	tacctctcca	gccagggcat	cacgctggtg	420
acgttaacgg	gcaaagagga	acagcagttt	agcgttcgcc	tgagcgcgga	tgcgtttctg	480
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ctgaccttta	cgctgtgcaa	ataccagggc	aagtcaacgc	tcttcacgga	cggaatgcag	600
ggggcgaaag	cgcagtgtcc	gcacgagcac	attcagctgg	cgaccaaagc	ctgtcacgga	660
ctgttcccaa	aacgtctgct	ggttgaagcg	gtcatgacgc	tggcaggcgc	cttcccggtc	720
gagcagatcc	tcgcggtgag	taacgccacc	cacatctacc	gcagctggcg	ctatcgcaag	780
aaaaaagagg	gaaaattgct	ggctgactat	gacagcttct	ggcgctccct	tggcggaacg	840
cagcaggata	acggcaactt	tgccctgcca	ctgaccatgc	cacgcaaacc	gatggaagag	900
attgcgagta	aaaaacggtc	cgaataccgc	cgccgctata	ccctgcttga	tagcctgatc	960



caacaggttt cgcaggcgac tgaccgctaa

990

&lt;210&gt; 3564

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3564

ctcatgacca	tgccaacctc	acaatgtccg	tggcggatgc	aggttcatca	catccatcag	60
gagacgccgg	atgtgtggac	gctgtcgctg	ctgtgccatg	actactacc	gtaccgcca	120
ggtcagtatg	cgctggttag	cggtcgtaat	tcggcggaata	ccctgcgcgc	ctacaccctc	180
tcctccacgc	cgggcgtag	cgaatacatt	acgctcaccg	tccgtcgat	tgatgacggc	240
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ggctgtggcg	tgacgccgat	tatgtcgatg	cgtcgctggc	tggcgaaata	ccgtcctcag	420
gccgacgtgc	aggtgatttt	cagcgtgctg	tcgccggaag	atgtgatttt	tgccgaagaa	480
tggcgcaact	acccggtgac	gctggtggct	gagcacaacg	cgacgcacgg	ttttgtcgcg	540
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tgctgtaaga	ccaaagtggg	ttccggtgag	tacacggtca	ccagcaccat	gacgtgacc	900
gacgcgga	ttgccgaggg	ctatgtgctg	gcatgttcgt	gccatccgca	ggcgatctt	960
gtgctcgcat	aa					972

&lt;210&gt; 3565

&lt;211&gt; 1011

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3565

ggacatgcc	tgattgattt	acgcagtgat	accgttacc	gcccagaccg	cgccatgctc	60
gaagagatga	tggccgcccc	ggtcggggac	gacgtctacg	gcgatgacc	gacgggtcaac	120
gaactccagc	gctatgcggc	cgagctgagc	ggtaaagagg	ctgctctgtt	cctgcccacc	180
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aaccggtggc	gcaaaatgac	cggcggcggg	atgcgtcagg	cgggtattct	ggcggtgcc	720
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ggcgtgctga	tcaacgcctc	cccgtcgtg	cgactggtga	tgcattctga	cgtaaccgc	960
gagcagttga	ccgaggtggg	gaaacactgg	caggcgtttt	tacagcgtta	a	1011

&lt;210&gt; 3566

&lt;211&gt; 1110

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3566

ctaaataaaa	ctcttaattct	ttcacctttc	ccattgcaac	acatcgtaat	tcacgaaaga	60
atgcgcacga	aattcttttc	aacacagtgg	attgttatga	aggtaactgg	taccggggcg	120
accagcggct	taggcgaaa	tgcggctcag	tttctgcgca	acaaaggcat	cagcgtgagg	180
gccaccggtc	gcaatgaggc	gatgggtaag	ctcctgcaaa	aaatgggcgc	tgaatttgtc	240
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acgctgtggc	actgctccag	ttttacctcc	ccgtggggta	cccaggaagc	ctttgatctc	360
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cattacgggtg	tgtcgaagct	caactttgat	tttacgctgg	atattttctcg	ggcggagaac	1020
gagctgggat	ataaaccgat	tgtctcgctg	gatgaaggga	tagtgcgtag	ggcggcgtgg	1080
ttacgggatc	acgggaagtt	gcaccggtaa				1110

&lt;210&gt; 3567

&lt;211&gt; 696

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (693)

&lt;400&gt; 3567

caagcgccgc	cggggatgaa	cgctcgccct	gccgtttgtg	cactgattat	cggcctcgta	60
ctggcgatgt	tctttgcggg	gtgggagtc	gttaagtggc	gccctgtcgc	atggctcggg	120
tcagcgctgg	tgactgtgct	gcgtggactc	ccggaaattc	tggtgttcct	gtttatctat	180
ttcggctcct	cacagctgct	gttaacgctg	tcggacggct	tcacgattaa	tctcggcttt	240
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aaagcgggtg	cacaggggtca	gtgggaatcc	ggtcaggcgc	tgggcctgtc	gaaagcggcg	420
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cagtggctgg	tactgtgtaa	agataccgcg	ctggtaagcc	tgatcagcgt	gaacgatttg	540
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gcggcggcaa	tctacctggg	gatcacgttg	ctgagccagt	acgttctgaa	gcgtattgac	660
ctgcgcgcaa	cgcgttttga	acggagacca	ggntga			696

&lt;210&gt; 3568

&lt;211&gt; 1776

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3568

gcaaggcgac	tacgcgcgcg	ttgttgccgc	gcagggggcg	tttgcgaccc	tgctggcgaa	60
ccgtcaggag	gatatctgat	gcgcgccctg	cttccgtatc	ttgcactgta	taaacgccac	120
aaatggatgc	tgacgctcgg	gatcgtgctg	gcgatcgtea	cgctgctcgc	cagcatcggc	180
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gccgggcgct	acttcgagcg	tctgggtcagc	cacgacgcga	ccttccgcgt	gctgcaaac	360
ctgcgtattt	atacgttcag	caaactgctg	ccccctctcc	ctgccgggct	ggcacgtttt	420
cgacagggcg	aattactcaa	ccgcgtggtc	gcggatgtgg	atacgtgga	tcacctctat	480
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gaagcccagc	gtcgccagtc	tgaactgacc	gctttctccc	aggcgctgat	gatgttaatt	840
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gggctggtga	atttcgatca	gataattgtg	atggacaacg	gacacataat	tgagcaaggt	1740
atcaagcaag	agttgctggc	aaaacaaggt	cgctaa			1776

&lt;210&gt; 3569

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae .

&lt;400&gt; 3569

actatatttg	tagcgtcttc	tctcgcgtac	tggagttctg	ttgtcatgcg	cctggtgcag	60
ctttctcgcc	ataatattgc	gttccttcca	ccggaggggg	cgctgcgtga	acctaacggc	120
ttgctggctg	tgggcgggtg	tctcagcccg	gcacggctct	taatggctta	ccagcgcggc	180
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cccttttcgg	tcacgctcaa	tcacgccttc	ggccagggtta	tcgaaggctg	cgctgaagat	360
cgctcatgaag	gcacctggat	aaccgcgat	atcattatcg	cctaccacca	gcttcatgag	420
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gattgtcagg	tgctgaatga	gcacaccgcc	tcgctcggcg	ccgttgaaat	ctccgcgcca	660
cactatatcg	aacatcttga	acaatgccga	aaagagaccc	ttccacgcga	tttttggggt	720
ccagagcgcg	tctttatgcc	caatgcctaa				750

&lt;210&gt; 3570

&lt;211&gt; 1734

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3570

aggagaagga	ccaccatgaa	acaaaccgtg	gctgcataca	tagcgaaaac	cctggagcag	60
gctggcgtaa	agcgtatctg	ggcgctcacc	ggcgattcgc	tgaacggact	cagcgacagc	120
ctcaacaaga	tgaagaccat	tgaatggatg	cccaccgcgc	atgaagaggt	cgccgccttt	180
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cagatcccac	aggtgctggc	gatagccatg	cgtaaggcga	tcctgaatcg	cggggtttcg	480
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caactgctgc	gatactccag	caatatcgcc	ctgatgtgcg	gcagcggctg	cgccggtgcg	660
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&lt;210&gt; 3571

&lt;211&gt; 1476

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3571

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&lt;210&gt; 3572

&lt;211&gt; 1818

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (1710)

&lt;400&gt; 3572

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&lt;210&gt; 3573

&lt;211&gt; 540

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3573

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&lt;210&gt; 3574

&lt;211&gt; 675

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3574

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&lt;210&gt; 3575

&lt;211&gt; 1293

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3575

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&lt;210&gt; 3576

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3576

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&lt;210&gt; 3577

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3577

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&lt;210&gt; 3578

&lt;211&gt; 486

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3578

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&lt;210&gt; 3579

&lt;211&gt; 2721

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3579

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<210> 3580  
 <211> 1689  
 <212> DNA  
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3583

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&lt;210&gt; 3584

&lt;211&gt; 1500

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3584

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 <212> DNA  
 <213> *Enterobacter cloacae*

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 <212> DNA  
 <213> *Enterobacter cloacae*

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 <212> DNA  
 <213> *Enterobacter cloacae*

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&lt;210&gt; 3588

&lt;211&gt; 1980

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3588

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&lt;210&gt; 3589

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3589

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&lt;210&gt; 3590

&lt;211&gt; 1944

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3590

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<210> 3591  
 <211> 498  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3591  
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 gatataattg gccagcaatt aaaagcgctc gttgattatg gttcagaccg tgcggtgatg 180  
 gacggaaata ttgtcgggct ggtgatcgcc accgataaat atcagctggt gacgatcgcc 240  
 gatgaaaatg gcgagcgctca ctgggtgcca ttatctgccg gacgcatttc caccaaaggt 300  
 gattttccgg aagagatgca tgtgtcgcgc tcgcgcgacg gcctggccgc gacggtgacg 360  
 tccgagccgc aggtaatctt tttaccggac ggtgaaatca gccgctttac gctgacgctg 420  
 caaagttatg acaaacagca ccatttcgcg gtggtgtcgc aaggtgcggc gccggtatcg 480  
 gtagaaaacg atggctaa 498

<210> 3592  
 <211> 708  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3592  
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 atcagcacc c tggcctggca aattctggac ggcgcgatgc gtaccagctc ggcgacggat 180  
 gccagcgccg caaagctcaa ccagcttcag cgcgctgga gtctgatgga gcgtgatttt 240  
 ttccagcttc aggcgcgcgc cccgcgtaat gagccggagc tgtttcgtca ggcgggcgat 300  
 gcccttgaac tgaccaccc tgaatggcgtg agcggaacgg tccaactgga gcgcgagcgc 360  
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 atgccggagg tggcgcgtgc cgcgcgcgca gagaaagccg ccgacgcgcc tgggacgcc 660  
 ccggtatgca cccctgcgcc tggcccttcg ccggagacca gaccatga 708

<210> 3593  
 <211> 849  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3593  
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 ttccgcgtga tgcgggatgc ctttccggta gggttccga taatgagtgc gatcctgggc 120  
 ggcattgtgg gcagttttct tggcgttgtc gccgaacgcg taccggggat ggtgatggat 180  
 gaggagggga gcggtaatct gctcatccg gcctcgcact gtccggtgtg ccagcacgcg 240  
 ctccgcgcgt gggaaaacat cccgctgctc agctggcttt tattacgggg gcgctgccac 300  
 cagtgcggca gcgcgatccc gctgcgactc tttctggtcg aactgatctc cgccttgttt 360  
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 gcggcttttt tactgcctct ggccatgatc gactggcagc accagctgct tccggactgc 480  
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 agcggatttg tcggttattt cgccgtaaat aattttaata aaaataacct ctctatttct 780  
 tttggtcctt atctgcctt tgctggaata ggggttttta ttagtcagca aattgctttc 840  
 acattttaa 849

<210> 3594  
 <211> 537  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3594

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ttgataataa	gccaaagcgc	actggcaaata	tgttgggata	aagcggcgca	ttattatcat	180
gtcgatcctt	atttactgta	cgcgatagcg	aatgtggaat	ccggaatgaa	tccgtatgcg	240
gttggggcaaa	accgcgatgg	cacgcgggat	gtcgggctga	tgcaaatcaa	cagttcgcag	300
tttaccgcgc	tggaaagcag	aggcatcgac	gaatatcgat	taatcacgga	gccgtgtaca	360
tcgatcatgg	tcggggcttc	tatcctttcc	gggatgatca	gggtgtatgg	ctacaactgg	420
gaagccgttg	gcgcgtataa	cgccggactg	aaaaaagaaa	attatccgca	gaggatgaaa	480
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## &lt;210&gt; 3595

## &lt;211&gt; 1140

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3595

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ctgctggcgg	tagtggtggt	agcgggcgga	ttctggttat	ggaaggtact	gaacgcgccg	120
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gatcctgagc	aggcgcaaaa	ccagatccgc	gaagtggaa	cgcagctgat	ggagctgcgc	360
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## &lt;210&gt; 3596

## &lt;211&gt; 393

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3596

cagacatcgc	ggatgacagt	aatagatgat	tgttatctaa	catctgaggt	agattcaaa	60
tggttatgca	taatgggtaa	gaccaacgat	tggttggtat	ttgaccagct	ggcgggaagt	120
aaagtgcgcg	acgcgctaaa	accgccatct	atgtataaag	ttatgttaat	gaacgatgat	180
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catccgttgc	tgtgtacgct	ggaaaaggcc	tga			393

## &lt;210&gt; 3597

## &lt;211&gt; 2304

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3597

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&lt;210&gt; 3598

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3598

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gttgaaagcg	aagtggaaaa	tggtctgccc	cccgttcccc	ttcactggga	tctgcaccgc		540
gagaaggctg	ccggccagggt	ggcttatcgt	ctgtatcacc	gtcaggcaca	aggaggatcc		600
gatgccagta	ctgattaa						618

&lt;210&gt; 3599

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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 aaccatcgct ggtggatggc gccaacggcc tccacgctgt tcggtaacgt gagcgatacg 480  
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 ccgatgtacg gcgtactgtt gaatatgctg ctgaaaaggc tggcagataa atctgaaatc 660  
 tccgcattgc aggcagggtta a 681

<210> 3600

<211> 600

<212> DNA

<213> Enterobacter cloacae

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 acgcctgctc agggcgcgtc agcagaaaagc aacgccaccg gtcagccggt gagcctgatg 180  
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 cagcgcagcc gcgacccgca gcttcagggtg gtcaccaaca agtctgttga actgaaaggc 420  
 cacacgctgc aacagctgga cagcatcatc tctgcaaag gccagaccgc gtactcctcc 480  
 gtggtgctcg gcaagggtgga caataaactg ctgaccatgc agatcaccct gccggcagat 540  
 aatcagcaga aagcgcagac cgccgctgaa aacatcatta acaccctcgt gatccagtaa 600

<210> 3601

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 3601  
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<210> 3602

<211> 1356

<212> DNA

<213> Enterobacter cloacae



&lt;400&gt; 3602

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&lt;210&gt; 3603

&lt;211&gt; 1728

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3603

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 <212> DNA  
 <213> Enterobacter cloacae

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 ccatga 426

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3607  
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 <212> DNA  
 <213> Enterobacter cloacae

&lt;400&gt; 3607

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&lt;210&gt; 3608

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3608

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&lt;210&gt; 3609

&lt;211&gt; 408

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3609

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&lt;210&gt; 3610

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3610

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&lt;210&gt; 3611

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3611

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&lt;210&gt; 3612

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3612

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&lt;210&gt; 3613

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3613

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&lt;210&gt; 3614

&lt;211&gt; 798

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3614

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&lt;210&gt; 3615

&lt;211&gt; 2244

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3615

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&lt;210&gt; 3616

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3616

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aatctcatta	tctctacgct	gaatctggaa	gaacttaccc	cagaggatat	tgatacagac	120
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&lt;210&gt; 3617

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3617

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&lt;210&gt; 3618

&lt;211&gt; 543

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3618

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tga						543

&lt;210&gt; 3619

&lt;211&gt; 609

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 3619  
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gcggcataa 609

<210> 3620

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 3620  
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gaagagacct accgcagcca gtccctcggtc agctataacc tgcctctttt gcaggagcgg 180  
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ccgtcatcgt caactgctac gcttttaa 927

<210> 3621

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 3621  
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ggtctgatcg gaacgtgcag gctgaacggt atcgatccag agggttacct tcgccatctc 240  
ctgagcgtat tgccggagtg gcccatcaac aaagtggcgc aactgctgcc atggaacgta 300  
gatctacca ataaatag 318

<210> 3622

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 3622  
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gccattatgg ctgccgcttc atctgccatg gctgcagaga caatgaacat gcatgaccag 120  
gtaaataatg cacaggcacc tgcccaccag atgcagtcac ctgctgaaaa aagtgaatt 180  
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gagcatgaga	aggcgcgagc	tgtacatgag	aaggcgaata	atggtcagtc	ttccgttggt	420
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&lt;210&gt; 3623

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3623

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&lt;210&gt; 3624

&lt;211&gt; 1344

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3624

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&lt;210&gt; 3625

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3625

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tcgcatgccg	ctatggcaga	cgacattaaa	gttgcggtag	tgggggcgat	gtccggccct	180



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gccaaaggcg	ggatcaaagg	cgacaagctg	gtgggcgtgg	agtatgacga	cgctgcgat	300
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&lt;210&gt; 3626

&lt;211&gt; 1098

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3626

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ggaaaacgtg	aggcctga					1098

&lt;210&gt; 3627

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3627

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aaataa						546

&lt;210&gt; 3628

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3628

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ggatag						246

&lt;210&gt; 3629

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3629

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&lt;210&gt; 3630

&lt;211&gt; 1002

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3630

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ccgccaaact	ttatcgccca	caactatatg	ccggtcgcca	aaaactacac	gctgagcggc	720
cacttcatca	ccccggaaat	gctgctctac	tccaaagtga	aatgggacaa	gctcagcgct	780
gacgaacagc	aaaagatcct	gacgctggcc	cgcgaaagcg	agttcgagca	gcgcaagctg	840
tggaatgcgt	ataacgacca	ggcgctggcg	aaaatgaagg	ccggcggcgt	gcagttccac	900
gacatcgata	aaacggtgtt	tatcaaggcg	acagagccgg	tgcgcgcgca	gtatggcgat	960
aagcatcagg	atctgatgaa	agccatcgct	gacgttcagt	aa		1002

&lt;210&gt; 3631

&lt;211&gt; 522

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3631

gccggagtac	gtatgtccga	actctacctg	aagtggatgg	accgtctgta	cctgctcgcc	60
atgggtgggtg	cgggtctctc	gctactgggtg	atgacgattg	tgatccccc	tggtatcttc	120
tctcgctatg	tgctcaatcg	cggcgaatcc	tgccgggagc	cgatcgccat	tatctgcatg	180
gtgacgttta	cctttatcgg	cgcgcggtg	agctatcgcg	ccgggtcgca	tatcgcggtc	240
aacatgctca	ccgaccgcct	gcccgcgtcg	ctgcaaagag	tgtgcgcgcg	agtggtagat	300
ctgctgatgc	tgctcatctc	cggcctgatg	tgctgggtaca	gctactggct	gtgctcgag	360
ctgtgggagc	agccggtggc	ggagtttccg	ctcctgacct	ccggcgaaag	ctatctgccg	420
ctgcctgtcg	ggtcggccat	tttgatcctg	tttgtgcttg	aacgcctgct	gtttggctcg	480
caggaaaacc	gtccggtcgt	gctgatcggc	aatcacagtt	aa		522

&lt;210&gt; 3632

&lt;211&gt; 1467

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3632

tcgcagatgg	caaaacaaaa	aaaacgtggc	ttcttttccct	ggttggtttt	cggtgaaaaa	60
gagcaagaaa	cagaacagaa	aaccgaagaa	cagcaggttg	tagaagagca	gtcacagcct	120
gaaacgcctg	tcgaaaccgc	tcgggttggtc	gaagcggaag	agccagcgca	cagcaaaagaa	180
gagattgaat	cctttgctga	agaggtggtt	gaggtcactg	agcaggttca	ggagagcgag	240
aagccagagc	cggttatcgt	tgaaaccctt	accgaagcgc	cgcaggccgc	tatcgaacac	300

gaagcgctgc	cgctgccgga	agagggttaa	gctgaagagg	tttctgccga	agagtggcag	360
gccgaagcgg	aaaccgttga	aattgttgag	gcggtggaag	aagaggcggc	acttgagcca	420
gagctgaccg	acgaagagct	ggaagcccag	gcgctggcgg	cggaagcggc	tgaagaagcg	480
gtcatcgctc	taccgggtga	agagcaggcc	gaagaagaga	tcgttcagga	gcaggaaaaa	540
ccgacaaaag	aaggtttctt	cgcgcgcctg	aaacgcagcc	tgctcaaaac	caaagaaaac	600
ttaggttccg	gatttatcag	tctgttcgcg	ggcaaaaaga	tcgacgacga	tctgtttgag	660
gagctggaag	agcagctgct	tattgcggac	gtgggcgttg	aaaccacccg	gaagatcatc	720
gctaacctga	ctgaaggggc	gagccgcaaa	cagctgcgtg	acgccgaggc	gctgtacggc	780
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gataccttcc	gtgcggcagc	ggtggaacag	ctccagggtg	ggggccagcg	caacaatatt	1020
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gcggcgaagt	cgcgtaacgt	ggacgtgctg	attgcggata	ccgcggggcg	tttgacagaa	1140
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caggcgaagc	tgttccatga	agcggtagga	ctgaccggga	tcacgctgac	caagctggac	1320
ggcaccgcga	aaggcggggg	gatctttctc	gtggccgacc	agttcggcat	tcctatccgt	1380
tacatcgggt	tgggcgagcg	tattgaggat	ttacgtccgt	ttaaagcggg	cgactttatt	1440
gaggcactat	ttgcccagga	ggactaa				1467

&lt;210&gt; 3633

&lt;211&gt; 1083

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3633

gcgatgggca	tttgacagga	ggccacgggt	aacaagcgtg	atgcaatgaa	ccagattcgg	60
cagttcagca	accggtttga	ccgtttccgc	aagcctcagg	gcggtggtga	cggcaatcgc	120
aatgcgccta	agcgtgccaa	agcgacaccg	aaaccgaact	cccgcataac	caacgtcttt	180
aacgagcagg	tgccggtatg	cttccagggc	gcgttgccag	atctgaaaag	caaaccgctg	240
gcgacgttcc	tgacgggtgat	ggtgattgcc	atctccctga	cgctgcccag	cgtctgctat	300
atggtttaca	aaaacgtaaa	ccaggcggcg	tcccagtact	atccgtcgcc	gcagatcacc	360
gtttatctgg	ataaagccct	cgagcataac	gcggcggctc	aggtgggtgg	gcagattcag	420
gccgagcagg	gcgtggagaa	ggtgaactat	ctttcccgcg	atgaagcgct	gggccaattc	480
cgcaactggt	ccggattcgg	cggcgcgctg	gatatgcttg	aagagaacct	gctgcccgcg	540
gtggcgggtg	tgatcccga	actcgatttc	cagggcacgg	atccgctcaa	caccctgcgc	600
gaccgcatta	cccgcatata	cgggattgat	gaagtgcgca	tggaacgacg	ctggtttgcc	660
cgtcttgccg	ccctgaccgg	gctggttagga	cgctgtgcgg	cgatgatcgg	cgtgctgatg	720
gtggcggcgg	tgttccctcg	catcggtaat	agcgtgcgcc	tgagcatctt	cgcccgtcgc	780
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ctttacggcg	gcgcgttatt	aggtttttct	ggtgcatttc	tttcattgat	ttgtcagaa	900
attttggtga	tgccggtgct	gtcagccgtc	accgaggtgg	cgaggttttt	cggaactaag	960
tttgatatca	gtggttttag	tttcgatgag	tgctgtctgt	tactgctggt	gtgctccatg	1020
atcggctggg	tggcggcatg	gctggcaacg	gttcaacatt	tacgccactt	tactcccagc	1080
taa						1083

&lt;210&gt; 3634

&lt;211&gt; 1290

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3634

acaatggatg	cttttggttt	gttattccacc	ctcgccattt	tgctggcgct	ggggatgccg	60
gtggccttcg	ccgtcggctt	aagcgccgtg	gcgggcgcgc	tgtaggattga	cctgccgctg	120
gaggcgctga	tgatccagat	caccagtggg	gtgaataaat	ttaccctgct	ggcgatcccc	180
ttcttcattc	ttgccggggc	gatcatggcg	gaagggggta	ttgcccgacg	gctggttaac	240
ttcgcgtacg	tttttgctcg	ctttatttcg	ggcgggctgt	cgctggtgaa	catcgtggca	300
tcaacgttct	tcggcgcgat	ttccggctcg	tcggtggcgg	atacggcgtc	tatcggcagc	360
gtgatgatcc	cggagatgga	gaagaagggc	tatccgcgcg	aatacgcggc	ggcggtgacg	420
gccagcgggt	cgggtgcaggc	gatactgatc	ccgcccgacc	acaactcggt	gatttactcc	480

ctggcggcag	ggggaacggt	ttccatcgcc	acgctgttta	tcgögggögt	gctgccgggt	540
ctgctgctgg	gögtgagcct	gatggtgctc	tgöctgtgct	tcgöccgcaa	gcgcggctat	600
ccgaaggggg	acaaaatccc	gttcaggcag	gcgctgaaaa	tcatgctcga	tgccctgtgg	660
gggctgatga	cögtggtgat	tatcctcggc	gggatcctgt	cögggatatt	cacggcgcac	720
gaatctgöcg	cögtggcctg	cctgtgggöc	tttttcgtca	ctatgtttat	ctaccgcgac	780
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ttttacggta	tggtgctggg	ggtgctgggg	atggtgacgt	acatccöggc	gatttcattg	1260
tggttgccgg	ggctgctagg	gatgcagtga				1290

&lt;210&gt; 3635

&lt;211&gt; 369

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3635

tgggattttt	caatgagcaa	gatgccgctg	tttttcatta	tcgtggtggc	gattatcgtc	60
attgccgcct	cgttcgcctt	cgtgcagcag	cgccgcgaga	aggcggataa	cgatgccgcg	120
ccgctgatga	aaaagcgcgt	ggtggtgacg	aacaagcgcg	agaaaccgct	taatgaccgc	180
cgatccöggc	agcagcaggt	gacgcctgcg	ggcacaacaa	tgögttatga	agcagccttt	240
aagccggaaa	ccggcgggct	ggagatgacc	ttccgcctgg	aggcgcagca	gtaccatcag	300
ctgacgggtg	gagagaaaagg	cacgttgagc	tataaagggt	cgcgttttgt	aggtttttag	360
gctgaataa						369

&lt;210&gt; 3636

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3636

atgaccaaag	aaatgcaaac	tttagcttta	gcccctgttg	gtaacctgga	atöttacatc	60
cöggctgcga	acacctggcc	gatgttaacg	gctgaggaag	aaaaggagct	tgctgaaaag	120
ctgcattacc	agggcgatct	ggaagcagct	aaaacgctga	tcctgtctca	cctgcgcttt	180
gttgttcacg	ttgctcgtaa	ttatgcgggc	tacggcctgc	cgcaggcöga	cctgattcag	240
gaaggtaata	ttggcctgat	gaaggcögta	cgtcgcctta	acccögaagt	gggtgtgcga	300
ctcgtctcct	tcgöcgtgca	ctggatcaaa	gcggaaattc	acgaatacgt	cctgcgtaac	360
tgöcgatatt	tgaagtcgc	cacgacgaaa	gcgcagcöga	aactgttöct	caacctgcgt	420
aaaaccaagc	agcgtctggg	ctggttcaat	caggatgaag	tggaaatggt	ggcgcgcgag	480
ctgggcgttt	ccagcaaaga	cgtccgcgag	atggaatccc	gtatggcögc	tcaggacatg	540
acgtttgata	tgtctgccga	cgatgacgcg	tccgacagcc	agccgatggc	cccgttctg	600
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atccgtgccc	gctggctgga	cgaagataac	aagtccacgt	tgöaggaact	ggccgaccgc	780
tacggcgtct	ccgctgaacg	tgtgcgtcag	cttgaaaaga	acgccatgaa	aaaacttcgc	840
göcögtatcg	aagcgtaa					858

&lt;210&gt; 3637

&lt;211&gt; 1164

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3637

aataaagcgc	tacacaacaa	catcacaaca	atcögttataa	ccataataat	ggggaatctc	60
aggatgaaca	tgaagggtaa	agcögttactg	gcaggatgta	tcgcögttggc	attcagcöcc	120
atggcgcagg	ccgatattaa	agtggccögtg	gtgggtgcga	tgtccögtcc	ggtagcacag	180
tacggcögacc	aggaattttac	gggcgcöggaa	caggcögttg	cagacattaa	tgötaaggöc	240

ggcatcaagg	gcgaaaagct	gcaaatacgta	aaatatgacg	atgcctgtga	cccgaaacag	300
gcggctcgcg	tggcgaaaca	agtggtaaac	gacgggatca	aatacgttat	tggtcacctg	360
tgctcctctt	ccacccagcc	cgcgtctgac	atctacgaag	acgaaggcat	tctgatgac	420
acaccggcgg	cgacggcgcc	agagctcacc	gcgcgcggct	ataagctgat	cctgcgtacc	480
accggctctg	actccgatca	ggggccaacc	gccgcgaaat	acatcgtgga	aaaagtgaag	540
ccgcagcgca	tcgcgattgt	tcatgacaaa	cagcagtagc	gcgaaggcct	ggcccgtgcg	600
gtgcaggata	acctgaaaaa	agcgaacgcc	aacgtggtgt	tctttgacgg	tatcaccgcc	660
ggtgagaaag	acttctcgac	cctggctcgcg	cgtctgaaga	aagaaaacat	cgatttcggt	720
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tggaccacct	acgcagcggt	gcagtcctcg	caagcggggc	tgaaccagtc	agccgatccg	1020
gcggagattg	ccacctggct	gaaagcgaac	tcgggtgaaa	ccgtgatggg	gccgctgtcc	1080
tgggatgaga	agggcgattt	gaagggttc	gagttcggcg	tgtttgactg	gcatgccaat	1140
ggcactgcta	ctgatgccaa	ataa				1164

&lt;210&gt; 3638

&lt;211&gt; 2394

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3638

ggaacattca	tgttacggta	cagtctctta	accgcggggc	ttatgctcgg	cgcctccgcc	60
tttgccgcac	cggcaggcga	ccttccctta	atgccctggc	ctgcgaaggt	tgaacgcccg	120
accactcagg	gcgcgctgga	gcttaacaat	caactcaccg	tgagcgtaag	tggcgacgat	180
ctgggggatg	cggtaaacgc	cctgcgccag	cgcctcgccc	ttcaaaccgg	ctggacgcta	240
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ctgatgcaga	acggcgccga	aaacacctcg	atcccgctgg	tgaccattga	agattcgccg	480
cgttcccggt	ggcgcgggct	gctgctcgat	tcggcgccgc	acttccctcc	gattccggat	540
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accgacgac	agggctggcg	cttcagctca	aagcgctacc	ctaagctgac	ccagcttgcc	660
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agcgaactgg	cggcgatctt	cccggatcca	tatctgcata	ttggcggcga	tgaggttgac	960
gacagccagg	ggaaagcgaa	cgctgcgac	cagagattct	tgcgcgacaa	caaaactggcg	1020
gacagccacg	cgttcgacgg	gtatttcaac	cgcaagctgg	agacgatcct	tgagaagcac	1080
caccggcaga	tggttggtcg	ggatgagatc	taccatcccg	atctgccgaa	aagcattctg	1140
atccagtcct	ggcagggaca	ggacgcgctg	gggcagggtg	cgcagaacgg	ctataagggc	1200
attctctcaa	ccggtttcta	cctcgatcag	ccgcaatcca	ccgcctacca	ctaccgcaat	1260
gaaatttgtc	cgcaggggct	gaacggcggtg	gatgtgatag	cggacaccga	cagcgtccag	1320
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gtggataaca	ttcagtggcg	ggacgacaat	caggtaacgt	ttaccgttga	tacctggatg	1500
ggtgaaacgc	gtccggctcg	ttctgttgag	aacgataagc	tcagcggcta	tttctgtgtg	1560
ggtaacgccc	gctaccgat	tagcggcacg	cgtctggacg	cggccccaaa	aggcataccg	1620
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gccgcgattg	gcctgaggct	gacggatctg	gtggcgcgcc	agggcacgct	ggatgataaa	2280

gagattgcgt	cgatccagag	cgaactggat	aacgcggcga	aggttcagga	cgaggtggtg	2340
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&lt;210&gt; 3639

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3639

tctgagggtt	gtatcatgat	tattggcaat	attcatcatc	tccagtcctg	gctgccagaa	60
gagctgcgtc	aggccattga	gcacgttaag	gcccacgtca	cgcacgcgac	gccgaccggc	120
aagcacgaca	tcaacggcaa	cagcctgttt	tatctggttt	cggaggacat	gacccagccg	180
ttcgccgagc	gtcgtgctga	ataccatgca	cgctatctgg	atattcagat	tgtgctgaag	240
gggcaggaag	ggatgacctt	cagtaccctg	ccgcacggta	cgcgcggacac	cgactggctg	300
gcggacaaaag	acatcgcggt	cctgccggaa	ggcgagcagg	agaaaaccgt	ggtgctaagc	360
gaaggggatt	ttgtggtggt	ctggccgggt	gaggtgcata	agccgctgtg	cgcggtgggg	420
gcacctgcta	aggtcaggaa	agtgggtggt	aaaatgctgg	tggagtaa		468

&lt;210&gt; 3640

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3640

gccatggcaa	acccggaatt	actggaagag	caacgcgaag	agacgcgtct	gattattgaa	60
gagctgctgg	aagacggtag	cgatccggac	gcgctgtaca	ccatcgagca	ccattttctct	120
gcggatgatt	tcgacgcgct	ggaaaaaatg	gccgtggaag	ccttcaagct	gggttacgaa	180
gtgaccgagc	ctgaagagct	ggaagtggaa	gagggcgaca	ccgtcatctg	ctgcgacatc	240
ctgagcgaag	gcgcgcgtga	ggcggagctg	atcgacgcgc	aggtcgaaca	gctgatgaac	300
ctggccgaga	agtttgaggt	ggaatacgac	ggctggggaa	cctacttcga	agatccgaac	360
ggtgaagacg	gcgaagaggg	cgacgacgaa	gattacgtcg	acgaagacga	cgacggcgtg	420
cgtcactaa						429

&lt;210&gt; 3641

&lt;211&gt; 3330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3641

gtcacgggat	ggggaatgga	cagtaacact	cagggattca	cttcatactg	gcgtaataacc	60
ttagctgacg	ccgagtcctg	aaaaggggca	tttgagcgca	aagatgaaga	gtcattttact	120
cagtggatga	atgtcgatcg	gggaagggtg	gatgaagaga	tcgtgcaagc	gttcttcgag	180
ggcgaagacg	agcaggttaa	gaccgtcgag	gtaatgttac	ggccgcaggt	atggatccgc	240
ctgttaaagc	atggcaagga	acggacggca	ggcgcaccag	gtatagttac	gcctctggtt	300
acttccgcac	tgttgaaccg	agaaggcttt	ttgttcccag	catctcctgc	aaccattccc	360
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&lt;210&gt; 3642

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3642

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&lt;210&gt; 3643

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3643

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&lt;210&gt; 3644

&lt;211&gt; 2025

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3644

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&lt;210&gt; 3645

&lt;211&gt; 1725

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3645

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&lt;210&gt; 3646

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<212> DNA  
<213> Enterobacter cloacae

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<212> DNA  
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&lt;210&gt; 3650

&lt;211&gt; 1413

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3650

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&lt;210&gt; 3651

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3651

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tggcgg						186

&lt;210&gt; 3652

&lt;211&gt; 1488

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3652

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&lt;210&gt; 3653

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3653

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&lt;210&gt; 3654

&lt;211&gt; 1551

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3654

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&lt;210&gt; 3655

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3655

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tcctcgcgc	caaagttctg	gatggcgtcg	aggtgtttta	cgatcacctt	ttgttttagag	180
agtttgaccg	ccccgcgcgc	cagcgtggag	gtgacaatca	tcggcagcat	ttccggcggt	240
aagccaacgg	ccacggagag	cgcgaacagc	gccgcttccc	accagtcgcc	tttgggtgtag	300

&lt;210&gt; 3656

&lt;211&gt; 2466

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3656

tcctatttgc	ttgagagctc	tgtatgtggt	ggcgaaaaca	aaactcatct	gacggaaaaca	60
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gcctga						2466

&lt;210&gt; 3657

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3657

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ggctaccgcg	cctga					915

&lt;210&gt; 3658

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3658

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<210> 3659  
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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3660  
 <211> 474  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3661  
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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3662

&lt;211&gt; 1038

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3662

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&lt;210&gt; 3663

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3663

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&lt;210&gt; 3664

&lt;211&gt; 1275

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3664

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&lt;210&gt; 3665

&lt;211&gt; 1026

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3665

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gactaa						1026

&lt;210&gt; 3666

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3666

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&lt;210&gt; 3667

&lt;211&gt; 408

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3667

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&lt;210&gt; 3668

&lt;211&gt; 1449

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3668

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aaggactga						1449

&lt;210&gt; 3669

&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3669

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&lt;210&gt; 3670

&lt;211&gt; 1272

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3670

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&lt;210&gt; 3671

&lt;211&gt; 1206

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3671

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&lt;210&gt; 3672

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3672

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&lt;210&gt; 3673

&lt;211&gt; 1896

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3673

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&lt;210&gt; 3674

&lt;211&gt; 4983

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3674

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&lt;211&gt; 535

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3675

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&lt;211&gt; 1008

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3676

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&lt;210&gt; 3677

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3677

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&lt;210&gt; 3678

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3678

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&lt;210&gt; 3679

&lt;211&gt; 2343

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3679

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&lt;210&gt; 3680

&lt;211&gt; 633

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3680

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&lt;210&gt; 3681

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3681

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&lt;210&gt; 3682

&lt;211&gt; 1170

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3682

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&lt;210&gt; 3683

&lt;211&gt; 1323

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3683

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

<400> 3687

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&lt;210&gt; 3688

&lt;211&gt; 411

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3688

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&lt;210&gt; 3689

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3689

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&lt;210&gt; 3690

&lt;211&gt; 1308

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3690

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&lt;210&gt; 3691

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3691

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&lt;210&gt; 3692

&lt;211&gt; 2418

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3692

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&lt;210&gt; 3693

&lt;211&gt; 819

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3693

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&lt;210&gt; 3694

&lt;211&gt; 516

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3694

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 <212> DNA  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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 <212> DNA  
 <213> *Enterobacter cloacae*

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&lt;210&gt; 3698

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3698

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&lt;210&gt; 3699

&lt;211&gt; 1353

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3699

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&lt;210&gt; 3700

&lt;211&gt; 1572

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3700

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&lt;210&gt; 3701

&lt;211&gt; 1380

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3701

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&lt;210&gt; 3702

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3702

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&lt;210&gt; 3703

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3703

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&lt;210&gt; 3704

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3704

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tga 783

<210> 3705

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 3705

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<210> 3706

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 3706

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<210> 3707

<211> 1926

<212> DNA

<213> Enterobacter cloacae

<400> 3707

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&lt;210&gt; 3708

&lt;211&gt; 636

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3708

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&lt;210&gt; 3709

&lt;211&gt; 1251

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3709

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&lt;210&gt; 3710

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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3711  
 <211> 339  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3712  
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 <212> DNA  
 <213> Enterobacter cloacae

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 aatgctgccc tgagcggcga actgaatgac gtgctgctgg cgctgaatct cagcccgtg 1260  
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 tggctgccaa actttgctgc aacggttgag aaactgaaac tcacacaccg ttaa 1374

<210> 3713  
 <211> 570  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3713

gcacaaataa	cgcgtcttta	tgaagaggaa	ctaatagcgt	atcaacaagc	tggacgcctc	60
gcggtcttaa	aacgtgttgc	tgggttgggt	atcttttattc	ccgccctgat	ttcaacgctg	120
atctccgtac	tcaaatttat	gtacgatcac	agcgaaaaac	agccgggcat	caatgccgtt	180
atgcttgatt	ttgcccacgt	catgattgag	atgatgcggt	ttaacacccc	gttcctgaac	240
gtcttctggt	tcaactcgcc	cacgccggat	tttcaccacc	agctgaatgt	cggtttctgg	300
ataatctatg	cgttgatatt	tatcgcgatg	gcgttgccagg	cctccggcgc	gcgcatgagt	360
cgccagaccc	gctttttacg	cgaaggggtt	gaagatcagc	tgatacttga	gaaggcgaaa	420
ggccctgacg	ggatgagccg	cgagcagatc	gaatcgcgca	ttgtcggtcc	gcgtcatacc	480
atctttgtgc	agtttttccc	gctctacatc	ctgccggtca	tcattcattgt	ggccgggtat	540
ttcttcttta	cgctgcttgg	cttctctgtaa				570

## &lt;210&gt; 3714

## &lt;211&gt; 936

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3714

aataaaacgc	gttttgggat	cgttcttatt	caaaaaatga	aagaagaaaa	tattgctatg	60
ttatttgccg	ctttttataa	tttgttacct	ttctatggtc	gccttgatc	tgatccgcaa	120
gaaagtcttc	gagaccgtga	cggctctctt	ttatgttgta	cggactcctt	aaataaaatg	180
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ggaaatgcc	gcaacacctc	tgctaacgat	caacgctcat	cggagaaata	cgcggtaggc	480
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actgaccgct	acaacggcta	tccgccagcg	gatgtcgtaa	ctgcgggtta	tggtcgtcag	600
ttctcctaat	ggccggtgca	cagcctgcgt	tttgaattcg	gtccgggtgt	ccgttacgac	660
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## &lt;210&gt; 3715

## &lt;211&gt; 1938

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3715

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ggccgcgtaa	acggcgagct	ggtagacgcg	tccgatctga	ttgaaagcga	tgcaacgctt	180
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gaagaagcgc	cggggatggg	gttctggcat	aacgacgggt	ggactatctt	ccgtgaactg	840
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agcctggacg	taagtgaagt	gattgagaag	ctgcaacaag	agattcgcag	ccgcagtctt	1920
caacaactgg	aggaataa					1938

&lt;210&gt; 3716

&lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3716

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cgcgcccagg	aagttcgctt	aacagggtctg	gaaggcgagc	agctgggggat	tgtgagtctg	120
agagaagcga	tcgaaaaggc	tgaagaagct	ggagtagatt	tagttgaaat	cagccctaac	180
gccgaaccgc	cagttttgtcg	tatcatggac	tacggcaagt	tcctttatga	aaagagtaag	240
tcttctaagg	aacagaagaa	gaagcaaaaa	gttatccagg	ttaaggagat	caaattccgt	300
catgtgttca	ccagcaggta	g				321

&lt;210&gt; 3717

&lt;211&gt; 705

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3717

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&lt;210&gt; 3718

&lt;211&gt; 1500

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3718

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cggacaaaaa	ctaaccgggt	cggccaggag	gtgctctggt	ctgggaacga	cgcaagcgcc	120
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ccatttctcg	agcgcacagg	gctggttgag	aaatttgctg	cgtgctgga	ggccaataaa	240
gccgagctga	cccgcacat	tgccctgcga	accagtaagc	cgcgctggga	ggcaacaacc	300
gaagtcacgg	cgatgatcaa	caaaattgcg	atatcggtga	aggcgtaacca	taccgcacc	360
ggcgagcagc	ataccgagat	gccagacggc	gcggccacgc	tgcgccaccg	tccgcacggg	420

gtactggcgg	tgtttggccc	gtataacttc	cccgggcato	tgccgaacgg	gcacattgtg	480
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&lt;210&gt; 3719

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3719

acaagaggac	ggaatatgaa	caagaacgta	gcaggaattt	taagcgcagc	ggcgggtactg	60
actatgctgg	caggggtgtac	agcttacgat	cgcaccaaag	atcagttcac	acagccagtg	120
gtaaaagacg	tcaaaaaagg	catgacgcgt	tcccagggtg	cagccattgc	cggtaaacct	180
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&lt;210&gt; 3720

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3720

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cgtctggtga	cggccgttga	gctgggaaaa	tggccggacg	gtgtggcgct	cacacctgag	120
caaaaagaga	acagcttgca	gctggtgatg	ctgtggcagg	cgcgtcacia	taccgacgcc	180
cagcacatga	ccatcgacac	taacgggtcag	atggtgatga	aaagcaagcg	cgagttgaaa	240
gaagacttgc	gcatacagcc	gaagccgatt	gcgacgatga	aaatgcaata	a	291

&lt;210&gt; 3721

&lt;211&gt; 1056

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3721

caggagacgt	ccatgagcga	gcaaaccatt	cgtttaacgc	aatacagcca	cggagccggt	60
tgcggttgta	aaatttcccc	gaaagtgcgt	gagaccatcc	tgacacagtga	gcaggcgaag	120
tttgtcgacc	cgaacctgct	tgctcggtaac	gaaacgcgtg	acgatgcagc	ggtttatgac	180
ttaggtaacg	gcaccagcat	tatcagcacc	actgactttt	ttatgccgat	tgctcgacaac	240
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gccgggtggtc	actctatcga	tgcgcgggag	ccgatctctg	gcctggccgt	caccggcgctg	480
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accaagccgc	tgggcattgg	cgtactgacc	actgccgaga	agaaatccct	gctgaagccc	600
gagcatatcg	gtctggcaac	ggaagtgatg	tgctcagatga	acctcgcccg	tgccggcattc	660

gccaatatcg	acggcgtgaa	ggccatgacc	gacgtgaccg	gatttggtct	gctggggcac	720
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tgcgatccgc	aaacctccgg	cggctctgctg	ctggcgggtga	cgccggaagc	tgaagctgac	960
gttcaggcga	cggctgccga	gtttggcatc	accctgacgg	ccattgggtga	gctgggtgacc	1020
gcccgcggtg	gtcgcccgat	gattgagatc	cgtaa			1056

&lt;210&gt; 3722

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3722

cgagatacat	taaagatccc	gtccggatcg	accgttatag	atataaacga	tgcaaaggaa	60
acaaagtcta	tgaaccgtta	cgcaatggcc	gcgttatgtt	tgatggtgtc	cgccgggggca	120
caggctgata	gcattcgccc	ggatgtcgag	gttaacgtgc	cgccagaggt	ctttagcgct	180
ggcggccagc	gtgcgcagcc	gtgtaatcag	tgctgtatct	atcaggatca	aaactattcc	240
gaaggcgag	tggtcagggc	ggatggcgtg	ctgttgacgt	gccagcgtga	tgaacgcacc	300
ctcagtacaa	acccgctggt	ctggcgctcgc	gtaaaagaat	aa		342

&lt;210&gt; 3723

&lt;211&gt; 1140

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3723

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gagtggccag	cctgcctggt	ctcgaacgag	aattacacca	acttccgcgc	catgctggtg	1020
cgaaccaacc	catcatgcga	gcgtctggtg	ctgacggctg	cgcaactgga	tgccctgaaa	1080
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&lt;210&gt; 3724

&lt;211&gt; 1359

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3724

atccggggct	ggattttact	gagggtgacg	cccatgaaag	cgcgtgaggt	taactttgac	60
ggcctcgtgg	ggctgacgca	ccactatgcc	gggctgtcgt	tcggtaatga	agcctcgacg	120
aagcaccggt	tccagggtctc	gaacccgaag	ctggcggcga	agcaggggct	attgaaaatg	180
aaggcgctgt	ccgattgcgg	tttcccgcag	gcggtgatcc	cgcgcagga	gcgcccacac	240
gtggccgtgc	tgcgccagct	ggggttcagc	ggtacggatg	aacagggtgg	ggaaaaagca	300
ggcacgcaga	gcccacacct	gctttccgca	gccagttcag	cctcctcgat	gtgggtggcg	360
aatgccgcca	ccgttgcgcc	gtcggcggat	acgctggacg	gcaaagtgca	tctgaccgtt	420
gctaacctga	acaacaaatt	ccaccgcgcc	agcgaagcgg	agaccaccgg	gcgcgtgctg	480



cgcgccattt	ttaatcatga	tgcgcatthc	gaggtacatt	cggcgctgcc	gcaggtcgcg	540
atgtttggcg	atgaaggggc	ggcaaaccac	aacggtctgg	gcggcgacta	tggcgagccg	600
ggttttgcagc	tgtttatcta	tggacgggaa	gagggcggcc	acgccgcgcc	ggttcgttat	660
ccggcgagac	aaaccttagc	cgcaagccag	gcggttgccg	ggctgaacca	ggttaatcct	720
tctcaggtga	tttttgccca	gcaaaatccg	caggtgatcg	accaggcgct	gtttcataac	780
gacgtcattg	ccgtttccaa	ccgtcaggtg	ctgttctgcc	acgagcaggc	gtttgcccat	840
caggaaaagt	tgctggccac	gctgcgcgaa	cgcggtgccg	gatttatgcc	gattcaggtg	900
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ctgagccggg	atgacggcag	catgatgctg	gtgctgccgc	aggagtcccg	aaaccatcag	1020
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gatctggttg	atccgcagct	gctgcgcgaa	ggccgcgaag	cgctggatgc	attatcaacc	1320
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&lt;210&gt; 3725

&lt;211&gt; 975

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3725

ggagacgaca	tggaaaactt	actggcgctg	acgctggccg	aagagacacc	ggagcgggcaa	60
gagggggcag	gcccttcggt	ccactggcga	tggctggggc	cgggcggtgct	tgaactcacg	120
ccgacgggga	aatataacct	gtcgtgctg	ctttctaccg	gcattcacgg	aaacgaaacc	180
gcgcccgtgg	agattgtcga	actattgctg	cgcgcgctgt	atcgcgcaga	gttcacgctg	240
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ctcgtgagcg	acatcaaccg	catgtttggt	ggtcgctggg	cgagtttcc	acagagtgat	360
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gaaaaaatgc	cctga					975

&lt;210&gt; 3726

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3726

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tggcgcacgg	tgcgtccttc	aggagtggct	atggaattct	ttgatatccg	taaaatgccg	180
gtcagttctt	ggcgtaattg	tgcgggtgag	acgcgtgaga	tttgctgttt	tcctcccgcg	240
acgcgggatt	ttttctggcg	ggccagtatt	gcctccatcg	ccagtaacgg	cgaattctcc	300
gcgttcccgg	gcgttgaccg	ggtgattacg	ctgctggaag	gcggcgaggt	gaccctggat	360
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accgccgata	agggtgccag	ctgggaagcg	ggcagtcata	ccctacgttt	actggaaacg	660
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&lt;210&gt; 3727

&lt;211&gt; 1371

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3727

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gttaaaatag	gaaagcagcc	tcacgtttaat	gccatcaaga	acggcttttat	taaattaatg	120
ccgttgacat	tagccggggc	aatgttcggt	ttaattaaca	acgtttttct	gagctttgga	180
gaaggttcc	ttttttattc	attaggaatt	aggctagatg	cttcaactat	tgaaacctt	240
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atggcgcctt	tctttattgg	aatggcgctg	gcggaagagc	gtaaagtgga	tccgctggcg	360
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ctctccatca	tggggattat	tgcctggggc	ctctctcact	ggggcacaaa	cttccaccag	660
atcattatgg	actctatctc	aacgccgctg	gcgtcgatgg	gtaacgtggt	cggttggggc	720
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gggattgcaa	ccctgctcta	catgccgttc	gtggcgattg	cgaacaaggc	cgcaacgggt	1320
atcgatgaag	aagagagcga	agaggatatc	gccctcgcac	tgaaattcta	a	1371

&lt;210&gt; 3728

&lt;211&gt; 351

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3728

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gcgttaaacc	aagcgcacat	ggtgcagacg	aagcttatcg	aaagcgacca	ggcggaaggg	240
aagatgaaag	tgagtctggg	gctggtacat	gcgcaggatc	atctgatgac	ctccatgctg	300
gcacgcgagc	tggtagcggg	gctcatcgag	cttcacgaga	agatgcaata	a	351

&lt;210&gt; 3729

&lt;211&gt; 834

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3729

caggagggtca	gcacgatgga	aatcaaaaacc	gcacatgagc	agcagctggt	taatggcaag	60
aattttcacg	tgggtattta	caacaaaacg	gagagcgcca	gcgggtctgca	ccagcatgac	120
tactacgagt	tcacgattgt	tctgaccggc	cgctactatc	aggagatcaa	cggtaaagcg	180
gtcctgcttg	agcgtggcga	ttctgtcttc	ctgccgatgg	gatcttatca	ccagagcttt	240
tatgagtttg	gtgcgacgcg	cattctgaac	gtaggcgtga	gcaggcggtt	cttcgagaag	300
cattatctgc	cgtcgttgcc	gttctgcttt	gtggcgctac	aggtgtatcg	cgttaaaaaat	360
gagtttatga	cctggattga	aacggttatc	gcctcgctga	atttccgcga	caatgaattt	420
gatgaattta	ttgaaaccgt	gacgttctac	gtcatgaatc	gcctccgcca	tcaccgtgaa	480
gaacagcagg	tgggtgatga	tattcctcag	tggctgcgta	gtaccgtgga	gctgatgcac	540
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gatatcgctt	acgaatcggg	ttacagcagt	cccagctgtg	ttattaaaaac	ctttaaaaaaa	780
ttgacttcat	tcacaccgaa	cagttaccgc	aaaaatttaa	cggtaattaa	ttaa	834

<210> 3730  
 <211> 786  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3730  
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 gccgatgatt ttggcctgtc aaaagggcag aactacggca ttattgaagc ctgtcgccgg 120  
 ggcgtcgtga cctctacaac agcgtctatc aacggtgagg cgggtggaaca tgcggcgag 180  
 ttaagccgtg agctgcccga gctgggcgtg ggcatgcatt ttgtgctgac gcttgggttg 240  
 cccctttcac cgatgccggg tctgacgcgc gagggaaaac tggggaaatg gatttgggaa 300  
 atggcggagc aggacgctct gccgctcgat gagattgccc gcgagctgga gtgccagttt 360  
 aaccgctttg tggatgtgtt tggccgcgaa cctaccata ttgacagcca tcatcatgtg 420  
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 ttcagcagcg cattttatgg cgacgagatc gacgaagcgc tgttcctgaa ggtgctggat 600  
 gactccgccg caaaagggga gcgctcgctt gaggtaatgg cgcacccggc gtttgtcgat 660  
 gagatagtag gtaagagcgc ctactgctgg ccgcgtctgg cagaactgga tgtgctgaca 720  
 tcggcgtcgt taaagtatgc gattgccgag cgtgggtatc gtctggggac gttcagggat 780  
 ctttga 786

<210> 3731  
 <211> 267  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3731  
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 attagctatg tgccccgcgt tgaacccgcg ccgcctgacc atgccctgaa agtggatgg 120  
 tttcgcgatg tctggatgtt acggggtaaa tacgttgctt tcgtgctgat tggcgagcac 180  
 ttccgtcgct cccctgcgtt tacggtgcca gaatcggcgc agcgatgggc tatgcagacc 240  
 cgccaggatg aagagggttg agaataa 267

<210> 3732  
 <211> 294  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3732  
 attatgagca gtggtgatat caccgcgtac gtcgtaaccg tgaatattca tgaggcgtcg 60  
 ctgaccgaac tgaatgaact caacaacgcg ttcacgcgcg ccaattttct gctcacgctg 120  
 acggacgatg agggcaatat tcacgatctc ggctcactgg catttggcct gataagcccg 180  
 ctgagtcagg aagagggtgaa ggcgctggcc agtagcctgg tggaaagcgt gactgacaaa 240  
 gccacggaaa ttgatgtgga tagctgggaa aactggcata aaaaagaaca ataa 294

<210> 3733  
 <211> 888  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3733  
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 gcatggcatt tacgttacgc cgggcgcgat cttttcgtaa aatgtgatga gcgcgaattg 180  
 ctccccattt ttaactgccga agccgatcag cttgagctgt tatcgcgcag taaaacagtc 240  
 accgttccgc aggttttagc cgctcggcagc gatcgtgact atagctttct ggtgatgaac 300  
 tatcttcccg cgcgtcctct ggatgcgcac aacgccttta ttctcgggca acagaccgcc 360  
 cgtttgcacc agtggagcga tcaacctcag tttgggtcgc atttcgataa cgacctctcc 420  
 accacccac agccaaacgc atggcagcgc cgctggctga cttttttcgc cgaacagcgc 480  
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ggtgatttat	ggtcaaaaca	ctgcgcgctt	gggcctgatg	gtccctatat	atatgaccgc	660
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&lt;210&gt; 3734

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3734

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ccggagagct	ggatcgctcc	ggcggatgcc	attcagggca	tgggtgcttg	ctacttaagc	360
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atggcgctgt	ttgcgtatgc	cgtctggatg	ccgcagacat	tgcccgaaaa	tggtgacgtg	540
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cagattgaac	attaa					615

&lt;210&gt; 3735

&lt;211&gt; 2283

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3735

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tcccctattc	atggcaccga	agaatctcaa	ccgggaatgg	actcactcgc	ccctgcggat	120
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gcgcacggct	atttccagcc	gtacaagagc	ctgaaggaga	tcacgaaggc	ggatttcctt	480
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taa						2283

&lt;210&gt; 3736

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3736

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&lt;210&gt; 3737

&lt;211&gt; 483

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3737

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gcaatgatgc	gggtcagctc	ggctttattg	gcctccagca	gcgcagcaaa	tttctcaacc	420
agcgctggc	gctcggagaa	tggccgtttc	gcccacgccg	gaaacgcgcg	gcgtgcagcc	480
tga						483

&lt;210&gt; 3738

&lt;211&gt; 1545

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3738

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&lt;210&gt; 3739

&lt;211&gt; 1404

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3739

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&lt;210&gt; 3740

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3740

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&lt;210&gt; 3741

&lt;211&gt; 924

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3741

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&lt;210&gt; 3742

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3742

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&lt;210&gt; 3743

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 <213> Enterobacter cloacae

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<210> 3744  
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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;211&gt; 1359

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3746

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&lt;210&gt; 3747

&lt;211&gt; 1128

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3747

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<210> 3748  
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 <212> DNA  
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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&lt;210&gt; 3751

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3751

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&lt;210&gt; 3752

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3752

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&lt;210&gt; 3753

&lt;211&gt; 1143

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3753

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&lt;210&gt; 3754

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3754

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&lt;210&gt; 3755

&lt;211&gt; 1866

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3755

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&lt;210&gt; 3756

&lt;211&gt; 1575

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3756

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&lt;211&gt; 1521

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3757

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&lt;211&gt; 2919

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3758

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&lt;210&gt; 3759

&lt;211&gt; 499

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(471)

&lt;400&gt; 3759

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&lt;210&gt; 3760

&lt;211&gt; 1413

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3760

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 <212> DNA  
 <213> *Enterobacter cloacae*

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<210> 3762  
 <211> 1116  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3762  
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 aaaaacatcg ccaaccgat tgcgcagatc ctctccctgg ctctgctgct gcgctatagc 960  
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 ggcgtccgta ccggcgattt agcacgcggc acggcgcgag tcagtaccga tgaatgggc 1080  
 gacatcattg cccgctatgt cgctgaaggg gtgttaa 1116

<210> 3763



<211> 621  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3763  
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 cgcacgggtt ttggtgcgca tctgttcaac gactggcgct tcctcgacga taaaggcgaa 180  
 gtgccaaacc cggaattcgt cctgaacttt ccggaatata aaggcgcttc cattttgctg 240  
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<210> 3764  
 <211> 1680  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3765  
 <211> 1047  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3766

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3766

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&lt;210&gt; 3767

&lt;211&gt; 1770

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3767

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gcgtttcttcg	atgaactcga	cccgatcatc	aacaaaaaac	tgacataccc	gctgttcacc	780
gacaccttca	ccgcgatata	cccggtcggc	acgctctgcg	aagagtgggc	gaaacgcctc	840
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caaattgtgg	cctccgatca	gtgctgtgcg	ctgggtgccg	cgattttcgc	tgccgtggcc	1560
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acgtcccatc	cgcagactca	gcaggcacia	cgctttgaac	agctttatca	gcgctaccag	1680
caatgggcaa	aaagcgccga	acttcactat	ctccctgtcg	ccgccccggc	caaaagcacc	1740
gcggacacta	cggcaaccct	gacacattaa				1770

&lt;210&gt; 3768

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3768

agacgcgctg	cgctggaacg	aagtctatta	cggttcaaaa	cgctaagccc	tgaatgcccg	60
gtggcacttc	gtttaccggg	cctacggttc	tgtaggccgg	ataagcgaag	cgccatctgg	120
caggagacga	caatgttaga	agatctcaaa	cgtcagggtac	tcgaagccaa	cctggcgctg	180
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acgccgactc	accgcctgct	gtatcaggcc	ttcccgaacca	tcggtgggat	tgtgcatacc	420
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ggtaaaaacg	cggaggacgc	gggtgcacaac	gcgatcgctg	tggagggaagt	cgcttatatg	720
gggatcttct	gccgccagct	ggcaccgcag	ctgccggata	tgcagcaaac	cctgctggat	780
aagcattacc	tgcgtaagca	cggtgcgaaa	gcctactacg	ggcagtaa		828

&lt;210&gt; 3769

&lt;211&gt; 2514

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3769

acctttgccc	ggtgtcgctg	cgcttaccgt	gactgcggaa	cctgtaggcc	ggataagcgc	60
agcgccatcc	gactgaacag	gcactgtata	aaaccccagc	aaacacccct	caaccaggct	120
ataatcaggc	ctggttttgt	tttatgggat	aacgcogtga	cgcaggcgca	agaaggcttt	180
ttactgacca	gacactggcg	ggatacccct	cagggtactg	aggttgaatt	ctggctggca	240
acggacaacg	gcccgcataa	cgttacgctc	ccgcgcgagg	agtcogtggc	ctttattcct	300
gaagctcacg	tcgaaaaagt	gaaacagctg	ctgcgcggag	aaaacggctg	gcgcataacc	360
ccgcttgaac	tgaagatttt	ccaccgccag	ccggtttacg	gcctctattg	ccgcgcccat	420
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cgccccccgc	tcaaatgggt	ctcgctggat	atcgaaacca	cccgccacgg	cgaactgtac	660
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gatgcgtccg	cgctggactt	taatctggag	tacgtcaaca	gccgcccgcg	actgctggag	780
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gactccacct	ttgtctggct	gaaagccgcc	cattcggaag	acgacgccgc	acaaatcggc	1860
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cagttccagc	agacgctcta	cctgcgggtg	ttccgcaatg	agccttatca	ggattatgtg	2160
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acgatcaaat	acgtctggac	cactaacggc	ccggaaccgc	ttgattacca	gcagtctccg	2400
cttgattacg	atcattacct	gacccgccag	cttcagccgg	ttgcggaggg	aattttaccg	2460
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&lt;210&gt; 3770

&lt;211&gt; 804

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3770

gcagaatcgc	tgattcggtt	tctgaccgga	atagttatgc	aggcattgct	ggaacatttt	60
attaccacgt	ccgttatgta	ttcgctcatc	gccgtggcgc	tggtagcggt	tctggagtcg	120
ctggcgctgg	tcgggctgat	cctgcccggc	accgtgatga	tggcggggct	tggggcgctt	180
atcggcagcg	gcgagggtcaa	tttctggcag	gcgtggatgg	ccggtattat	cggctgtttg	240
ctgggggact	ggatctcctt	ctggctgggc	tggcgcttta	agaagccgct	gcaccgctgg	300
tcgttcatga	aaaaaaaaca	agcgtgctg	gataaaaccg	agcatgcgct	gcaccagcac	360
agcatgttca	ccatcctcgt	ggggcgcttc	gttggcccaa	cgcgtccgct	ggtgccgatg	420
gtggccggga	tgctggatct	gcccgtcgcg	aagtttgtgg	tgccgaatat	catcggctgc	480
gtcttcttgc	cgcggttcta	cttcctgccg	ggtatcctgg	cgggcgcggc	gattgatatt	540
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tggctggcgg	tctggtctcg	ctggcgctcg	tggcgcagcg	cgaaagccag	tgttgatcgt	660
ctgacgcgct	atcttccgcg	cactcgccctg	ctctggctgg	ccccgcgtgac	gttgggggtg	720
gccgtgggtg	cgtgatcg	gctgatccgc	caccgcgtga	tgccggtgta	cggcgagatc	780
ctgttgaaag	tggtagccg	ttaa				804

&lt;210&gt; 3771

&lt;211&gt; 1263

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3771

tcacccgcc	gcaaaatggt	ttttgctggc	ttttttcggt	tactatttca	cccaatttcg	60
attcgctttc	ataaggactt	gcgcatgctc	tggttgatga	cgatggggcg	acgcctgaat	120
ggcgtgtacg	ccgcttttat	gctggtggcc	ttcatgatgg	gcgtagccgg	cgcgctacag	180
gcgccgacgc	tgagcctggt	tctcagccgc	gaggtggggg	cgcagccggt	ttgggtgggc	240
ctgttctaca	ccgtcaacgc	cattgccggg	atcctcgtea	gcctgtggct	ggcgaacga	300
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aacgcgctgc	tgtttgcctt	caaccgcat	tacctgacgc	tcattacctg	cggcgtgctg	420
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gcgtgggtca	ttggtcccc	gctggcgctt	atgctggcgc	tgaactacgg	cttcaccacc	600

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tgatgatgg	ccgcgatttc	ggtggttacg	cttgggctga	cttgccgggt	taaggatgtc	1260
tga						1263

&lt;210&gt; 3772

&lt;211&gt; 513

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3772

gcaaaacgga	gagaacctga	tatgcgcggg	atattatctg	tattactgga	aatgagtcg	60
ggcgcaactgt	cacgcgtcat	tgggcttttt	gcgcagcgcg	gctataacat	tgaagcctg	120
accgttgcgc	cgaccgatga	tccaacgctc	tcccgcatga	cgatccagac	tgctggcgat	180
gcgaaagtgc	ttgagcagat	cgaaaaacag	ttgcacaaac	tgggtggacgt	gttggcgctc	240
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agcggttacg	gtcgtgaaga	ggtcaagcgc	aacacggata	tcttccgtgg	gcagatcatc	360
gacgtcacgc	cttctatata	tactgtgcag	cttgccggaa	cgagcgataa	gctggatgcg	420
ttcctggcct	ccgtcaggga	tgtagcaaaa	attggtgaag	ttgcgcgctc	tggcgttgtt	480
ggcctctcgc	gcggcgataa	aatcatgcgt	tag			513

&lt;210&gt; 3773

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3773

ttcagtgcgtg	cgtattgcag	agaggacgaa	cgcatgatca	gcagagtgac	agagacccta	60
agcaaagtta	agggatcggt	aggaagcaac	gagcgccatg	ccttgccctgg	cgtgatcggc	120
gacgatcttt	tgcggttttg	gaagctgcca	ctctgcttgt	tcattttgcac	cattgtgacg	180
gcagtcattg	tggtcaccac	cgctcaccat	acccgtttat	taactgcgca	gcgcgaacag	240
atggtactgg	aacgcgatgc	gctggatatt	gaatggcgaa	atctgatcct	tgaagaaaac	300
gcgctcggcg	atcacagccg	ggttgaacgg	atcgcaacgg	aaaaactgca	attacagcat	360
gttgatcctt	cgcaggaaaa	tatcgtagta	caaaaataa			399

&lt;210&gt; 3774

&lt;211&gt; 1782

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3774

gggaaaacgc	gacgcattga	agcagcgcca	aaaacgctaa	aaccaaaacg	ccagggaagaa	60
caggccaact	ttgtcagttg	gcgtttttgc	ttgcttttgc	gctgcatttt	actggcgctg	120
ggttttctgc	tgggacgcgt	ggcgtggcta	caaactcatc	cgcttgacat	gctggtgcgt	180
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gaccgctccg	gccgcccgtc	ggcgttgagc	gtgccggtga	aggcgatctg	ggccgatccg	300
aaagagctgc	acgacgcagg	cggtatcacc	cttgataacc	gctggaaggc	gctctcagac	360
gcgttgaaaa	tgccgctgga	tcagctggcg	tcacgcgtta	acgccaaccc	gaaagggcgc	420
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gcgcacctga	ttggctttac	caacgtggat	agccagggga	ttgagggcgt	tgaaaaaagc	600
ttcgacaagt	ggcttaccgg	ccagcctggc	gagcgaatcg	tgcgtaaaga	ccgctatggg	660
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&lt;210&gt; 3775

&lt;211&gt; 1437

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3775

agattatcag	attgtcggca	atcgctcgtct	ggattactcc	gaccgcgtga	cggcagcgcg	60
tctgctggga	gtggtggcat	gattagcatt	acgttaagcc	aggccgctgc	ggtattgcag	120
gggatgctgc	atggtcagga	tctgaccatc	gaggctgtaa	ccaccgacac	ccgtaagggtg	180
acggcgggct	gcctgtttgt	ggcgtgaag	ggtgaacgtt	ttgacgccca	cgattttgcg	240
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ttgccgcaga	ttgtggtgaa	agataacgcg	ctggcgtttg	gcgagctggc	ggcattgggtt	360
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cgtccggaag	cggcgtcgtg	gaataacctg	gcggcggcac	atcttgaagg	ttttggttct	660
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gaacgcctga	aggcattgat	tacagaaaaa	cagattgtga	ctgttttagt	taaaggttca	1380
cgtagtgccg	ccatggaaga	ggttgtgcac	gcattacagg	agaacgggac	atgttag	1437

&lt;210&gt; 3776

&lt;211&gt; 1278

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3776

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&lt;210&gt; 3777

&lt;211&gt; 564

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3777

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cgaagaatac	cagggttttc	gtga				564

&lt;210&gt; 3778

&lt;211&gt; 1011

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3778

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&lt;210&gt; 3779

&lt;211&gt; 987

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3779

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&lt;210&gt; 3780

&lt;211&gt; 1509

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3780

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&lt;210&gt; 3781

&lt;211&gt; 1416

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3781



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&lt;210&gt; 3782

&lt;211&gt; 1479

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3782

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&lt;210&gt; 3783

&lt;211&gt; 1023

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3783

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taa						1023

&lt;210&gt; 3784

&lt;211&gt; 1755

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3784

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&lt;210&gt; 3785

&lt;211&gt; 1014

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3785

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gcaaacgata	cgttcccgat	tgtggcgctg	gatcgtgcgc	tggatcgtga	acatttcacc	480
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## &lt;210&gt; 3786

## &lt;211&gt; 513

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3786

actccttcag	gtgggaattt	gtgggttaaa	gtggtgagga	ggggtgagac	tggcatgttc	60
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ggtctgacta	aagaagtgat	gctggtcgga	cagttcaaca	agtttgaact	gtgggacgaa	420
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## &lt;210&gt; 3787

## &lt;211&gt; 1128

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3787

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gccatcgta	gcctgctgac	tgcgctgttc	atctcgctgt	ggatgggccc	gcgcatgatt	180
gcccgtctgc	aaaaactctc	tttcggccag	gttgtgcgca	acgacgggtcc	ggaatcgcac	240
ttcagcaagc	ggggtacgcc	gacatggggc	gggatcatga	tcctgaccgc	gattgtggtg	300
tccgtgctac	tgtgggcgta	tccgtctaac	ccctacgtct	ggtgcgtgct	gaccgttctg	360
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1128

<210> 3788

<211> 1107

<212> DNA

<213> *Enterobacter cloacae*

<400> 3788

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catttaatgg	aacagggctg	gcaggtacgc	tggctgggaa	ccgcagaccg	catggaagcc	180
gacctggtac	ctaagcacgg	tatcgagatc	gactttattc	gtatttcttg	ccttcgtggc	240
aaagggatca	aggcgctgct	gctggcgccg	gtgcgcattt	tcaatgcctg	gcgtcaggcg	300
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ggccctggcg	gactggcggc	gtggtcatta	gggattcccg	ttgttctgca	tgagcagaac	420
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gagatggcgc	aacgcgcacg	cgcgaccgct	atcccggatg	caacggaacg	ggtggcaaaa	1080
gaagtgaacc	tggcagccca	ggcataa				1107

<210> 3789

<211> 948

<212> DNA

<213> *Enterobacter cloacae*

<400> 3789

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gaaggtggcg	tggacgcgca	tccggttgat	ccgaaagagg	tggacgtcac	gcagctgaaa	180
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gccatctcca	tgataaaact	gcgcagcaaa	ctgctgtggc	agggcgcggg	cctgcccggt	360
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<210> 3790

<211> 465

<212> DNA

<213> *Enterobacter cloacae*

<400> 3790

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accctactga	gcggccagcg	ggcggagcaa	gacttcaaaa	aatcattcca	ggaaaataag	180
aaccgaaaaa	cggaagagga	gcaccagcgc	aggcaggaag	cggtcgaaaa	acatccgacc	240

acctcgcagc	agcaccgcga	ggagcgaacg	catccggaga	ccggaaagca	ggcgcagaaa	300
gagaaagaag	ggaaaaccac	gcgaatcgag	gacgaagcgg	agaaagagag	cgaggcgcag	360
ctcggcaacc	agaaagcgca	aatcacgaaa	cccgagaatc	aggagcgcag	gcgcaggcag	420
gagaacgac	aggcgatcag	ggataaccgc	gtcacgcagc	attaa		465

&lt;210&gt; 3791

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3791

ccttcgcacc	gcctggtgaa	gactatcggt	caggcgacgg	gtgtcggttt	acataccggc	60
aagaaagtca	cactgacgtt	acgccctgcg	ccggccaata	ccggggtcat	ctatcgtcgc	120
accgacttga	atccaccggt	agattttccg	gccgatgcca	aatctgtgcg	tgatactatg	180
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caatcccgcg	gcctgtgcct	gggcggcagc	ttcgattgtg	ccatcgttgt	tgacgattat	660
cggtactga	acgaagacgg	cctgcgtttt	gaaaatgaat	ttgttcgtca	caaaatgctg	720
gacgcgac						729

&lt;210&gt; 3792

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3792

catgaggtag	cactcattta	tcccggggac	cccattggcca	tcaaactcat	tgcaatcgat	60
atggacggca	cgctgctgct	gccagaccac	actatctctc	ctgccgttaa	aaatgcgatc	120
gccgccgcac	gcgaaaaagg	cgtgaacgtg	gtgctcacca	ccggacgccc	gtatgccggg	180
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&lt;210&gt; 3793

&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3793

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&lt;210&gt; 3794

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3794

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cggcgtcacg	ccggaaaacc	tggtgcagtg	gataaaagcg	ggctgtgtgg	gcgccgggct	300
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&lt;210&gt; 3795

&lt;211&gt; 1203

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3795

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taa						1203

&lt;210&gt; 3796

&lt;211&gt; 1398

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3796

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&lt;210&gt; 3797

&lt;211&gt; 1281

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3797

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cgtggcggca	cccacgttca	cgttttttag	ccgaacgggc	agttcgtcag	ctttacctat	480
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cgcacacttg	ggtttggtgt	cgaaagccgc	attgcctgct	gcgatgcgca	gaccggtgag	1140
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ccggacggac	gattttattgc	atggatggaa	gcgaaggacg	gtttccgcca	gctgtggcta	1260
acggaaaccg	cacagaatta	g				1281

&lt;210&gt; 3798

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3798

actgtgccga	actcgttctt	cagaaggaga	tttagtatgc	gtaactatga	tttttcccct	60
ctgctgcgtc	agtggatcgg	ttttgacaaa	ctggctaacg	cgctgcaaag	cgcaaccgaa	120
cagcagacct	ttccgcgta	caacatcgaa	aaaagcgatg	ataaccacta	ccgcatcacg	180
cttgcgctgg	ccgggttccg	ccaggaagat	ctggacatcc	agcttgaggg	tgcgcgcctg	240
accgtgaaag	ggtcaccgga	aaaaccagac	accgagacca	aatggctgca	tcaggggctt	300

gtcactcagc	cgttttagcct	gagctttacc	ctggcagacc	atatggaagt	ttctggcgcg	360
acgttcacta	acgggctgct	gaacattgac	ctcacccgta	acgtgccgga	agccattgcg	420
cctcaacgca	tcgccattag	cgaacgcccc	gcgttgaata	gctaa		465

&lt;210&gt; 3799

&lt;211&gt; 1851

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3799

tcgtgtgcgg	gctgggtgcc	tcaccccgac	cctctccctg	tgggagaggg	tgcaaacact	60
aaaaacggtc	accttcgggt	gaccgttttg	cgtttacctt	cggttttttt	gtgcgccatc	120
gcccatataa	ccgccgccag	ctctgagaga	atccttatca	taactaaggt	tatacacagg	180
atgtggaaca	tgagtgaat	cgcgttaacc	gtcagcgtgt	tggcccttgt	cgcggtagt	240
gggctatggc	tggggaatat	caaaatccgc	ggcgtcgggt	ttgggatttg	cggggtgctg	300
ttcggcgga	tttttgctcg	ccattttgcc	gaccagcttg	ggtgggtgct	cagcgccgat	360
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gcgggccagc	aaattctgcg	cgatctgggt	atccctgctg	atgctcgtcg	tcagatgggg	660
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gtacgcgtgc	tgttccgcgt	taacgttggg	caggaggcga	aggagcatga	aagcacgctg	780
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ctggtgaacg	gcgaagggat	gagctgggta	ggatacggca	tatttattac	cgctatccca	1620
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gccaccagcg	gcgcggcggc	gttatcctac	gccacggttt	atccgctggt	gatgtttctg	1800
cgcatcatca	ccccgcagct	actggcgggtg	ctattctggg	ggatgggcta	a	1851

&lt;210&gt; 3800

&lt;211&gt; 1674

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3800

aaaaccataa	aggcctctat	cccctacagg	ttgtttcatg	aggatttaaa	aatgctcagt	60
caaatacaac	gttttggcgg	cgccatgttc	accccggttt	tgctgtttcc	ctttgcccgg	120
atcgtgggtg	ggatcgccat	catgcttcgc	aatccgctgt	ttgtcggtga	ggccttaacc	180
gcgcctgata	atctgttcgc	gcaaattggt	cacatcatcg	aagaggcgcg	ctgggcggtg	240
ttccgtaata	tgccgctgat	ttttgctgtc	ggcttaccga	ttggcctggc	aaagcaggcg	300
cagggccgcg	cctgtctggc	ggtgctgatt	agcttccctg	cctggaacta	ttttatcaat	360
gcgatgggga	tgacctgggg	tcacttcttt	ggcgtcgact	tctctgctga	acctactgcc	420
ggcagcgggc	tggcgatgat	tgccgggaatc	aaaacgcttg	ataccagcat	catcgggggc	480
attatcattt	ccgggctcgt	caccgccatc	cacaaccgat	ttttcgacaa	gccgttgccg	540
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aagggtgtttg	gctcagtcgg	tattgcgctg	gctatctggt	ataccgcgtc	accggagaac	960
cgcgtcaaag	tggcaggtct	gctgatcccc	gccacgctta	ccgccgtgct	ggtaggcatt	1020
accgaaccgc	tggagttcac	cttcctgttt	atctcgccgt	tgctgtttgc	catccacgcc	1080
gtgctggccg	caacgatggc	gacgggtgatg	tatatcttcg	gggtgggtggg	gaacatgggc	1140
ggcgttctgc	tggaccagtt	cctgccgcaa	aactggatcc	cgatgttcca	taaccacgcc	1200
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aagctctaca	gcaaggccga	ctataaggcc	gctcgtgggc	aaaccaccgc	cccggcggca	1380
gccagccagc	aggtcggaca	ggccgctggg	ttcttacagg	cgctcggcgg	cgcagcgaat	1440
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ggcatacagg	tgattgtcgg	tctgcacgtt	cctcaggtgc	gcgaccagct	ggaatcgctg	1620
atgaaaaccc	ctttaacaaa	cgaacaaacc	actctgacag	aggctatatc	atga	1674

&lt;210&gt; 3801

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3801

tacgtctctt	cgcgctcaga	taatgaaaga	aagcaggaat	gtgccgcca	gtgcaagcac	60
cgaggcgata	aacgtcgccg	tcgtatagta	tttgaaggte	tcattcaggg	tcgcgcgcga	120
gtactgctta	accagccaga	agagagaatc	ggtcacgata	gtgcagcca	tagcgcggga	180
cccgatggca	atggtgatga	tctccgggct	tacgttcggg	tagagcggca	gcacgcggcg	240
cactatcgcc	gtggcaccga	tcacgcttac	cggtgccgaa	cccacggcgg	cgtgcagcac	300
cagtgccacc	agccaggcga	gaaggatagg	gtgcatatgc	aggttcgaga	gaatatgcgc	360
cagcgtctcc	gccagaccac	tggttttaag	gatggcggtg	aacgccccgc	ccgcaccgat	420
aatcagcaaa	atggttggcg	tagagccaaa	gccgtgctcc	gtatgggtca	gcattgcgcc	480
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gttcagctcg	gcaatgggtt	tcaccagcat	cagggcaatc	ggcagcagca	cgggtaacag	660
cgtggcgccc	agcgacggca	gagtgtgctc	ttccgcgacc	ttcaggctctg	a	711

&lt;210&gt; 3802

&lt;211&gt; 954

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3802

acgcagaaat	tacgtgtggg	aattgtgatg	accgatgcga	atgaaggcag	aaaccggctg	60
ttaaacggct	ggcagctgtc	gaaaatgtac	acctttgaag	tggctgcccc	gcagtagtcc	120
ttcgcgctgg	cggcgccgga	gctctcgctc	agtcccagcg	cggtagacca	ccgcataaac	180
ctgctggaag	aggaactggg	cattcagctg	tttgtccgct	cacaccgtaa	agtggagctg	240
acgcaggaag	gcaagcgcgt	ttactggacg	ctgaaatcgt	ccctcgacac	cctgaatcag	300
gagatcctgg	atattaaaaa	ccaggcgctg	tcaggtacgc	taacggtgta	ctcccgcccc	360
tcgatcgccc	agtgtctggc	ggtgccgatg	ctgggggatt	ttacccgcgg	ctaccgctcg	420
atttcactta	ctattctgac	tggtaatgat	tacgtcaaca	tgcagcgaac	cggcatcgat	480
ctggcgctct	atttcgacga	tacgcccga	aaccaccttt	ctcatcactt	tttgatggat	540
gaagagattt	tgcccgctcg	ctcgccggcg	tatgcccggg	agcatgaact	gctgaaaaac	600
ccccataacc	tcagccactg	cacgttactg	cacgaccgtc	aggcctggag	caatgattcc	660
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tttgatgggg	aaaccctcaa	gtgccatcag	cattattacg	tctcaacgct	tcccggccgt	900
cagtggccga	aaattgacgc	ctttatcggc	tggctaagag	agctggcggg	ttga	954

&lt;210&gt; 3803

&lt;211&gt; 1116

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3803

accgtgttaa	agccttttat	tgccactgcg	atcttactct	cttcgggctg	ggcgactgcc	60
gctgagccgc	cgctgacggc	tgcccgttac	gcgcagatgc	tgggcgctcg	aatggatgtg	120
gactgggcac	gcaccgagcg	cggcatacgc	gaattcgacc	cgctggtggt	ccgtgatttt	180
caggcgaaag	gcatacacca	tgtccgtatt	cgggtggcgg	gcgaaccgac	ggaagcgcg	240
ctgattcacc	tgcgtaagct	ggtggaggca	tgcgagcaat	acggcgatcat	ccccatcatc	300
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tacctgctgg	cggagtggca	tattttcccc	tggggtccgc	tgaaaacgaa	cggtaaatac	660
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tcgaaaagcc	tgacgccaac	cgcctcgcag	atggcggttg	ccacgtttat	ggcgtgcgag	840
ctgcaacatg	ccaacatccc	gtatgcgata	aacgccgatg	ttcagtttta	tgacggggaa	900
gagggggcgt	ggcggcctgc	cccagagcgg	ctattgcagg	cgatgattgc	gcccgtctgt	960
gaaaagcccg	gcgagaagcc	gggccatcat	gcggttaaac	cggtgttcg	tgatgcgaga	1020
cacgcgacgc	cagcggcagc	cagcacagca	aaatcagcag	ccccatcagg	gtcatcagca	1080
agcctaaact	cgctgccccg	gtctgcggca	tcatag			1116

## &lt;210&gt; 3804

## &lt;211&gt; 462

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3804

ggagaacgca	tggctctggat	aatgctggca	acgcttgccg	tgggtgtttgt	agttgggttt	60
cgtgtcctga	cctcggattc	ccgcgcgcgc	atcaaacgct	tgagcgaacg	gctgggtatc	120
accccgatgc	cggtagaatc	gatgatcgac	cagttcggta	aaacgcggg	caatgagttt	180
atccgctacc	ttgagcgccc	agacgaagcg	cacctgcaaa	acgccgccca	ggtcctgctt	240
atctggcagg	tctgcatcgt	cgacgggagc	gaagagaatc	tgcatacctg	gcaccgcatg	300
ctgcgtaaag	cccgcctggc	cgcaccgatc	accgatgcgc	aaatccgcct	cgcgctcggc	360
ttcatgcgcg	agatagagcc	cgatccgcag	gagcttgacg	ccttccagct	gcgctataac	420
cagcttttcc	tcccggaaga	ggcgctgttt	tatctgcact	ga		462

## &lt;210&gt; 3805

## &lt;211&gt; 1233

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3805

actgcgcgac	ttttccgcac	gtttttatct	tcaggatgatg	ccatgacaga	acatatccag	60
cccacaacca	gaccgcagac	caaagagggtg	tcgcgccccca	actgggtcggc	ggttttctcc	120
gtggcgttct	gcgtgcgctg	cctgatcacc	gtcgagtttc	taccggtgag	cctgctgacg	180
ccgatggcgc	aggatctggg	catttccgag	ggcgtggcgg	ggcagtcctg	taccgtcacc	240
gcgtttgtgg	cgatgttcgc	cagcctgttt	atcaactcagg	cgatcggcac	cattgaccgt	300
cgtaaagtgg	tcattctgtt	cagcgtgctg	ctgacgctct	cctgcctgct	ggtctctttc	360
gctgaaagct	tcaccctgct	gctgctcggc	cgtgcctgcc	tggggctggg	attaggcggc	420
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gccctgtccg	tcattcttcg	cgcggtctcc	atcgcgctgg	tgattgccgc	gccgctgggc	540
agcttccctg	gcgggattat	cggctggcgt	aacgtgttca	acgcggcggc	ggtgatgggc	600
gtgctgtgca	ttatctgggt	gtggaaggcg	ctgcgctccc	tgccgggtga	ggcggcgcac	660
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atcttcatgg	cctttgcggg	gcagtttgct	ttcttcacct	atatccgccc	ggtgtatatg	780
accatggcgg	gctttgacgt	ggacggcctg	acgtgggtgc	tccgtgagctt	cggtatcgcc	840
agttttgtcg	gcacctcact	gtctgtctcag	ttcctgaagc	gctccctgaa	ggtggcgcgtg	900
gcgggtgccc	cgctggtgct	ggcgatcagc	gccgcggtgc	tgggtgtgtg	gggtagcgat	960
aagtgggtgg	cgtctgccat	cgcgattatc	tggggctttg	cctttgcgct	ggtgccgggtg	1020

ggctggtcga	cgtggatcac	ccgctcgctt	gccgatcagg	cggaaaaagc	cgggtcgatt	1080
caggtagcgg	tgatccagct	ggcgaacacc	tgcggcgcgg	cgggtggcgg	cgtagcgcctc	1140
gaccatctgg	ggctgacgtc	accgctgggtg	atttcggga	cgctgatgct	gctgacggcg	1200
ctgctgggtg	cggggaaggt	taaggcgaag	tag			1233

&lt;210&gt; 3806

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3806

agatgccgca	tcacagtcgg	ctgcttatgt	tgttatgcc	atgagactgt	aatgtcgcctc	60
acccgtctgt	tgatccgcga	ctttcgcaat	atcgaaagcg	cggatctcgc	tttatccct	120
ggctttaact	tcctgggttg	cgcgaacggc	agcggcaaaa	ccagcgtgct	ggaagccatc	180
tatacgtcgc	gccacggccg	ggcgtttcgc	agtttgaga	ttggtcgcgt	aattcgccac	240
gagcaggatt	cttttgttct	gcacggggcgt	ttgcaggag	aggagcgaga	gaccgccatc	300
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gcgcaggggg	agttcctcac	ccgcgaaagt	gggcgacgct	gcctgtacct	gatagatgat	960
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cagtcgcagg	ttttcgtcag	cgccattagc	gctgaacacg	ttatggacat	gtcggacgaa	1080
aattcgaaga	tgtttaccgt	ggaaaaggg	aaaataacgg	attaa		1125

&lt;210&gt; 3807

&lt;211&gt; 1038

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3807

caggagaaaa	aaatgacagc	aacaatgcaa	cgtggtcaa	tggatgccct	tggctcgtgaa	60
agcctcaggg	tcgttcagga	gcctgttcca	cagccaggct	cgggggaggt	tcgcgtacgg	120
gtaaatgccg	ttgcgtcaa	ctaccgggat	aaaatggtga	ttgaaggcac	gatgccgatt	180
ccgctttcct	tcccgtttac	cccagcatct	gacatggcag	gcgtgggtgga	cagcatcgggt	240
gaaggcggtta	cgcgtttcaa	acccggcgca	cgcgtcatct	caaccttctt	cccagaatgg	300
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&lt;210&gt; 3808

&lt;211&gt; 717

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3808

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&lt;210&gt; 3809

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3809

ggagcatcgc	tcattgcagtg	gcaaactgaa	cttcccctga	tcgcgatttt	gcgcgggtatc	60
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&lt;210&gt; 3810

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3810

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&lt;210&gt; 3811

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3811

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ccaatcccgc	tctcaatggc	gttaaccata	tccagcgggc	tcattcccat	catcgcgcca	420
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<210> 3812  
 <211> 429  
 <212> DNA  
 <213> Enterobacter cloacae

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 ttttaaggatg aaattggtag taaatcgatg gtttcacggg ttctgaatgg tcagagacag 360  
 cttaccctga accatattaa aaagctggcg gccagatttg gggatatcacc tgcgttattt 420  
 attgagtga 429

<210> 3813  
 <211> 1731  
 <212> DNA  
 <213> Enterobacter cloacae

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 ggcatcacca cegttgcggg catcccggtt gggaccgtgc tgcgcgtgta tgatgcgtta 180  
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 gcccagggca tggcgcgtac ccagggtaaa ccggcggtct gtatggcctg tagcggggccg 300  
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<210> 3814  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3814  
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 tgcttgccga ttcagggcag cgagcacagc cgcacttgcc tactggtcaa cgacgaccag 180  
 cgtctggagc agatgatagc gcagatcgac aagctggaag acgtcaccaa agtggcgcg 240

aaccagtcgcg atcccacccat gtttaacaaa attgcggtgt tcttcgaata g 291

<210> 3815

<211> 1515

<212> DNA

<213> Enterobacter cloacae

<400> 3815

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<210> 3816

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 3816

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<210> 3817

<211> 531

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3817

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&lt;210&gt; 3818

&lt;211&gt; 1110

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3818

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&lt;210&gt; 3819

&lt;211&gt; 2430

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3819

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&lt;210&gt; 3820

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3820

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&lt;210&gt; 3821

&lt;211&gt; 1479

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3821

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&lt;210&gt; 3822

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3822

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tag						363

&lt;210&gt; 3823

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3823

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&lt;210&gt; 3824

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3824

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&lt;210&gt; 3825

&lt;211&gt; 1320

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3825

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&lt;210&gt; 3826

&lt;211&gt; 1524

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3826

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 <212> DNA  
 <213> Enterobacter cloacae

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 aaactgattg agcaggacgc gggcgaagcc cgccagccga tgacattaat tatgggtgcac 240  
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 ttatatcaga gatag 315

<210> 3828  
 <211> 1407  
 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3830

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3830

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&lt;210&gt; 3831

&lt;211&gt; 1341

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3831

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&lt;210&gt; 3832

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3832

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gagtttgccg	tagcccgat	gaccgtccgc	aaagcgctgg	atctgctggt	aagctggggg	180
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caggttgatg	agcggatcta	tttttcaagg	cgggtgcggt	acgtggacgg	aaaaccgctg	420
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cacccggaag	acttatttagc	ccatccccc	gaatag			756

&lt;210&gt; 3833

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3833

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&lt;210&gt; 3834

&lt;211&gt; 1368

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3834

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cgctacgggt	ttattcagct	cgatgtagag	acgcagcagc	gcaccattaa	aaaaagcgga	1320

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1368

<210> 3835

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 3835

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gggacggccc	ctctgctggg	ggcgctgac	agcgtaatgg	tgctcgggga	tcattctctcc	360
cggtttgctg	ggtccggcat	cggggtcatt	tgtctttcga	ttctggcgat	ggcgatgaac	420
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gccgcactgc	gtgaaacctc	tattctcttc	ggcgcattaa	tcgcatttgt	gcttttaaaa	780
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<210> 3836

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 3836

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gccagtgccg	caatgatctc	tgatgatgag	acaaactggg	gtaccaaata	tctggcgatt	180
cttgatatgc	cgttttacgg	ggttgccgat	acgcttttgc	tgccgtggga	tatgttccgc	240
accgacagct	cagtgcgttc	gcgcgttgag	aaaagcgagc	aggagacgct	ggcaaccaac	300
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<210> 3837

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 3837

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<210> 3838

<211> 1446  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3838  
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 aatagagagg ccgcgacggg actctttcac cagccactcc agcgctgtt cgaagctggc 300  
 taccggttga cgacgctcgc cacgttcgat gaacgcgtcg tcttcgatca gaccacgcag 360  
 cttctcgccg aggggtgcaga tacggcggtta ttccggaccg gtaacaaact cgtgctccag 420  
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<210> 3839  
 <211> 1059  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3840  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3840  
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tacttagcgt atccgggagg ggtcctaacc gaaaaacccc gcccggtttg cgcggcgagg 180  
gttttggtt cgtgtgttga tccagtcctt acggcgcat gccgacgacc accaccacac 240  
gcacgacgac cactgcggca ggttgcgcag tttttagtag ggtcgaagtg a 291

<210> 3841

<211> 1230

<212> DNA

<213> *Enterobacter cloacae*

<400> 3841  
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<210> 3842

<211> 1389

<212> DNA

<213> *Enterobacter cloacae*

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&lt;210&gt; 3843

&lt;211&gt; 1983

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3843

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taa						1983

&lt;210&gt; 3844

&lt;211&gt; 1680

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3844

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&lt;210&gt; 3845

&lt;211&gt; 1203

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3845

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taa						1203

&lt;210&gt; 3846

&lt;211&gt; 909

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (744)

&lt;400&gt; 3846

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&lt;210&gt; 3847

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3847

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&lt;210&gt; 3848

&lt;211&gt; 348

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3848

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gagaatagtg	cgcactacag	ggagctcgct	gaaaaacggc	aacggtttgc	cttcttgctt	120
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&lt;210&gt; 3849

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3849

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<210> 3850  
 <211> 240  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3850  
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 ctgggtgatt acattcgcca gcgcaggctc ctgctggcgg cgcaggcggt acgctcaacg 120  
 cagcggccca tttttgatat cgcaatggat ctgggctatg tgtcgcagca gaccttttcc 180  
 cgcgctcttc gccgcgagtt tgaccgtacg ccgagcgact accgccatca gctcaattaa 240

<210> 3851  
 <211> 333  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3851  
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 attaccacca gcatgggtgct cctgcgctgg ccgttggtga gcgcgggttt gatgttcctg 120  
 gccagcacgt taaacattca gttccgaaag tccgactacg cagggtcttg tgtgattagc 180  
 accctgttag ggtagggcgc cgcattgctg ttgcgaacag gtttgctcgg tattacgctg 240  
 gtggatatag ccgcgcgtct ggaaaacatt aaagtgggta tgggtgaagc catgagccac 300  
 accccaccag actggccgat ggtgattacc tga 333

<210> 3852  
 <211> 2823  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3852  
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 gcttttcgaca ctttgtatgc cgaaggacag cgctcgttac ttgaatcgct ctccggcgtag 180  
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taa						2823

&lt;210&gt; 3853

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3853

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tga						303

&lt;210&gt; 3854

&lt;211&gt; 1110

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3854

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&lt;210&gt; 3855

&lt;211&gt; 2502

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3855

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&lt;210&gt; 3856

&lt;211&gt; 1557

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3856

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&lt;210&gt; 3857

&lt;211&gt; 552

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3857

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&lt;210&gt; 3858

&lt;211&gt; 522

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3858

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&lt;210&gt; 3859

&lt;211&gt; 552

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3859

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&lt;210&gt; 3860

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3860

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acgttgaccg	taacggcaac	gcggtggatt	accagactgg	cccaatcatc	tggggcgagc	180
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&lt;210&gt; 3861

&lt;211&gt; 2139

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3861

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&lt;210&gt; 3862



<211> 468  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3862  
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 <211> 570  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3863  
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<210> 3864  
 <211> 882  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3865  
 <211> 381  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3865  
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ctttggtcgc	atttccgatg	a				381

&lt;210&gt; 3866

&lt;211&gt; 633

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3866

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&lt;210&gt; 3867

&lt;211&gt; 1380

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3867

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&lt;210&gt; 3868

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3868

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&lt;210&gt; 3869

&lt;211&gt; 1089

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3869

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&lt;210&gt; 3870

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3870

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&lt;210&gt; 3871

&lt;211&gt; 225

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3871

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&lt;210&gt; 3872

&lt;211&gt; 468

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3872

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&lt;210&gt; 3873

&lt;211&gt; 1794

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3873

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 <213> Enterobacter cloacae

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<210> 3875  
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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3877

&lt;211&gt; 369

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3877

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&lt;211&gt; 1209

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3878

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gggcataact	ttgattatct	tctcaagcag	cgcgggatgt	tcagctacac	cggactgagc	1080
gcagcgacgg	tccgatcgct	gcgtgaagag	ttcgggtgct	acctgatcgc	cagcgccgct	1140
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&lt;210&gt; 3879

&lt;211&gt; 549

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3879

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cagcagcagt	ctgctccggc	accgtctaac	gaaccgccaa	tggacttcga	cgacgatatc	540
ccgtttctga						549

&lt;210&gt; 3880

&lt;211&gt; 1476

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3880

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&lt;210&gt; 3881

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3881

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atccccggcg	agggatga					738

&lt;210&gt; 3882

&lt;211&gt; 1419

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3882

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&lt;210&gt; 3883

&lt;211&gt; 1893

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3883

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gtttaccctt	tgtttgacca	acatttcgcc	acgccggaag	ggcgcgacag	cagctatact	120
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atttttatct	gcaggcgcta	caatcgaccg	cagtcacaat	tctcaaataca	gaagagtatt	240
gctatgaaaa	acatcaaccc	aacgcagacc	gctgcatggc	aggcactaca	gaaacatttt	300
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attctgccag	agctgggtga	cgataaagcg	atcgacagcc	acgacagctc	caccaatggt	1860
ctgattaacc	gttataaagc	ctggcgctgcg	taa			1893

&lt;210&gt; 3884

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3884

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ctgtgggaca	gcattgttcgg	cacgccggggc	gtgcattctga	ccgatgacga	acttcagaac	180
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ctggctgaag	atccgctcat	caagccgaat	cagattgtcg	atggcgcaag	ctggacgcgc	420
acgatgggct	ggaccgagca	caaacagggtg	cgctacgcca	cggcccgatc	caccttccgc	480
tgggacggta	cggatagtgt	caaagtgggc	agcgacgaaa	cgcagggtgcg	cgtgctggat	540
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caaatccgcc	agtccttaca	gtatctcggg	gccggtttct	tcccggtgaa	gaccaccctg	660
atcaaggcgg	cgaaatcatg	a				681

&lt;210&gt; 3885

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3885

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&lt;210&gt; 3886

&lt;211&gt; 1353

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3886

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acctt	cccag	aatct	ttaa			1353

&lt;210&gt; 3887

&lt;211&gt; 996

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3887

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gtcgata	cgctg	gcttg	gccag	taggt	cactg	960
tccac	tcagc	aaaag	gggt			996

&lt;210&gt; 3888

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3888

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&lt;210&gt; 3889

&lt;211&gt; 1452

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3889

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aacatctata	ttgatgactc	ctccggcctg	acgccgacgg	aagtgcgctc	ccgcgcgcgc	1020
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cgcgttccgt	cgctttccga	caaccgtacg	ctggagattg	ccgagatttc	gcgctcgctc	1140
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gtacgtctga	cctttaacgg	ccagtggtcg	cgtttcgaca	actatgccgg	tcctcaatat	1440
gatgatgagt	aa					1452

&lt;210&gt; 3890

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3890

caaactgaat	attcagggga	aaatatgcgc	aagatcacac	tggcgctcag	cgccgcctgc	60
ttattgttct	cgcttaatag	taccgttgtt	gcgcgggctt	ctgcacccac	gccgctttac	120
accggcacca	ccgcgcgcat	tcttgccgaa	caggccccca	ttcactgggt	ttcagtggca	180
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gcctcgaact	ccacctaccg	accgctgccc	atggccggaa	aatttggtga	agaggtgatc	720
gttaactctg	aatactga					738

&lt;210&gt; 3891

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3891

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aagcatctga	ataaagcaca	ctggagtacg	gtgtttctcg	acggctcgct	gccagattcg	300
caaatttact	acctggtgga	tgctctcgat	caacaggcgg	ttgaactgct	gccggaaacg	360
atccgacagc	agctctccgt	gtaa				384

&lt;210&gt; 3892

&lt;211&gt; 588

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3892

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cgccagatct	tcacggacct	taaaccggtc	aatcaccact	tcgatgggtg	gtttcttttg	120
cagctccagc	tttggcggat	cggacaggtc	acacacttcg	ccgtcgatac	gggcgcggat	180
atagccctgg	cttgccagat	tttccagcgt	tttagtatgt	tcgcccttac	gctctttaat	240
gatcggcgcc	agcagcatca	ggcgtttgcc	ttccggctgc	gacagcacgt	tatccaccat	300
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gcgcgcatac	agcagacgca	ggtagtcatg	gatttcggta	atggtaccga	ccgtggatcg	420
cgggttatgc	gacgtggatt	tctgctcaat	ggagatagca	ggagacaacc	cttcaatgtg	480
gtcgacatcc	ggttttttcca	tcagcgacag	gaactgacgc	gcgtacgccg	agagcgattc	540
aacgtaacga	cgctgtcctt	cggcatacaa	agtgtcgaaa	gccagtga		588

&lt;210&gt; 3893

&lt;211&gt; 1650

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3893

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acatgcaggg	atacagagcg	ggaaatgaat	cgtagcgcg	ggcgcaaaat	gctcaaagtg	120
gtcgggatta	tcattgtagt	tatgctgccg	gtgatgcttg	cgctatgggt	tgcccagctt	180
agtgcagtgt	cggaaatcag	cgcccagctg	cgcacgtttg	ctgaacttgc	tttaaataaa	240
actgaacggg	ttattcaaca	ggttgacctg	gcccggaaag	acgcggaaaa	atatcagggc	300
aaagtgtgta	cgccggagca	tcgtcaatat	atggtgaacg	tttcccgcgg	tcgccttttt	360
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cgtggcgtac	agtattgcca	gggatggcac	ttcgcgaaag	cgatgccgcc	ccaggcattt	1620
atggcctggc	agcagcaacc	cttgcggttaa				1650

&lt;210&gt; 3894

&lt;211&gt; 477

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3894

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ccggttcagg	tactgtctca	cgcgggactg	tttgttttcg	cggaaatatc	tgtcgactgg	180
ctgcactctg	ctttaccgcg	caacctgggtg	gggatgggtg	tgatgctgac	gctgatcctc	240
tgtcgcgcgt	tgccccctaa	ctgggtgcgc	gccggggcgc	gctggctgct	ggcggagatg	300

ctattgttct	ttgtgcccgc	cgtggtggcg	gtggtgaatt	atgcacaact	gctgatggtc	360
gacggctggc	gcattctttgc	ggttatcgcc	ctgagcacgc	tgatggtgct	ggcgccacc	420
gcctgggtgg	tggataaggt	gtatcgcttt	gaaatcagca	ggcagaagca	tgactaa	477

&lt;210&gt; 3895

&lt;211&gt; 1533

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3895

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&lt;210&gt; 3896

&lt;211&gt; 354

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3896

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gaagccgggt	atgaggtaaa	aattgaaacc	cagggcgccg	acgggatcca	gaatcgccgt	180
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gacaatgaac	gcttcgaaat	gcgcgacgtg	tatgagatta	cgcttcagga	cgccattaaa	300
aacgcggcag	gcaccctgaa	agagatcgaa	gagatgattg	cagcagaaca	ataa	354

&lt;210&gt; 3897

&lt;211&gt; 1275

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3897

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&lt;210&gt; 3898

&lt;211&gt; 1122

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3898

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&lt;210&gt; 3899

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3899

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&lt;210&gt; 3900

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3900

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cgacaatggg	agagagtatg	a				621

&lt;210&gt; 3901

&lt;211&gt; 1311

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3901

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atccacgcgc	gcaacagcta	cccggccgag	ctggaaaacg	atgttgccgc	cctgcgcgac	720
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cgccgcagcg	tcgggctttc	ccatgtggcg	gatatcgaca	ccattcagga	tgaagcgatg	1200
cgtcacgaat	gcctgcgcca	cgcgatatcc	ctcggtaaag	cgctgattgt	aattgccgac	1260
cgcacgcaca	gcgcggaaga	gctggtggcg	cgggtgcggc	agtacagttg	a	1311

&lt;210&gt; 3902

&lt;211&gt; 1113

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3902

cgcttgctaa	aaaaggacaa	cttcatgagc	aacaccgata	tccgcgtcgt	acccggccccg	60
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gcgaactact	tctctcatcc	gggaagcctt	gcacacctgg	ataattttctt	tactccggaa	120
caactttccc	gcgcggtgtg	gatctacggc	gagcggggcaa	tcgaggggcgc	acgcccttat	180
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ctggtggagc	cgcagatcat	ccttaacgcc	ccggcggaat	acctgctggc	gggcatcggc	540
gatacgtgg	cgaagtggta	cgaagcggcg	gtgctcgccc	ctcaacctga	gagtctgccg	600
ctgaccgtgc	gtcttggcct	gaacggtgcg	ctggcgatcc	gcgacgtgct	gctggaacgc	660
agcgaagagg	cgtttgcaga	tcagcagcgc	ggcgaacaga	cgcaggcgtt	ccgggacgtg	720
gtggatgcga	ttattgccgg	aggcggaatg	gtcggcggtc	tggttgagcg	ctatacccgc	780
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cgcgggtgg	agtcgattca	ctatctgccg	gtgacgttaa	cgcctgaggt	gctgcgcgcc	1080
gcgtttgcga	aggttgaatc	cttcagccgt	taa			1113

&lt;210&gt; 3903

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3903

ttgcgccgac	gggctatacc	taatgatgat	tctctccact	cttgcaacga	ggcatcatg	60
cagatcgatt	tatcaggtaa	gaaagcgctg	gttaccggcg	ccagccgggg	attgggcccgt	120
gctatcgcg	tgctcgctgg	gcgcgcgggt	gccgatgtgg	ttatcaccta	tgaaaagtcc	180
gtcgataaag	ctcaggcggt	cgcgcgatgag	ataaaaagcgc	tggggcggca	cggcgaggcc	240
attcaggctg	acagcgccag	cgcgcaggcg	attcaggacg	ccgtcaccca	ggcggcacgc	300
tccctcgggc	ggctggatat	tctggttaat	aacgcgggga	ttgcgcgcgg	tgcccgcgtg	360
gagtccatga	ccctggcgga	catcgacgct	ctgatcaacg	tcaacatccg	cggcgtggtg	420
atcgccattc	aggaagcgct	ggtgcacatg	tcggacggcg	gacgcatcat	caacatcggc	480
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gactctcagc	gtcagcttat	tgccctgggc	cattacggcc	agccggagga	tatcgacg	720
gcagtcacct	tcctcgccag	cccggctgcg	gggcaaattt	ccggcacccg	tctggatgtc	780
gacggcggtc	tgaacgcctg	a				801

&lt;210&gt; 3904

&lt;211&gt; 372

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3904

aaattcggaa	tttatcta	agtcttatta	tttcttata	ttttgtgtgg	gcgtacagt	60
gaggtacgga	tgaagattgt	gtggtctaaa	acagcagaga	agcagttttc	taaaatcgat	120
cctcgatatc	agaaccgcat	taaattcagg	ctggagaaga	tggaagataa	aacatcacct	180
gtcgcggata	tcaagaaatt	atcttctccc	gaaaaccact	acaggttgcg	attaggtgat	240
tacagggtca	tttacacctt	cggagacccg	ccgggtgata	tctgctacgt	agtggcagta	300
aaacgccgga	caaccactac	ctaccttcat	gaggagcata	cggaaatatga	ctattcagtt	360
catcaaggat	ga					372

&lt;210&gt; 3905

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3905

tatccaaaaa	gcgcctg	gcgcctttttg	tgctttaata	acccccagaa	attaatcgcg	60
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cccaaccaat	caggaaagca	aatgttcagg	aaggatatcg	ttatcccgtc	tggcgagta	120
gcgcttgca	tctgtgtctt	ctcaattcag	gcagatccgc	ttaagccaac	ccagtacggc	180
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gattttctga	ccgtccacgg	cttatggcca	gcattgcccga	aatcgattgc	cgctcgcgga	360
gtggatgaac	gccgctggat	gcgcttcggc	tgcgccactc	gtccggttcc	gaatatgccc	420
gaagcaaaag	ccagccgcaa	atgtgacgcc	gcagagaccg	gactatcgct	aacggggcgc	480
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tacgcgaaac	acggcgctcg	ctttggtttt	gatcccgacg	cttacttcgg	caccatgggtg	600
cgcatgaacc	aggaagtga	gcacagcgcg	gcaggaaaat	ttctggcgga	aaactatggc	660
aaaagcgccc	gcgcgagcga	cttcgatgca	gcggtggcca	aaagctgggg	aaaacagagc	720
gtaaaagcgt	tcaagcttac	ctgccacggc	aatccggcct	atctgaccga	aatgcagatc	780
tcgctgaacg	ccagcaccat	caacaaccca	ctctctgcgc	gctcctttgc	gccacagccg	840
catccgggca	actgcggcaa	acagtttgtc	attgataaag	ccggttactg	a	891

&lt;210&gt; 3906

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3906

tttcggcgcc	caacaccagg	ggtattgtct	ggatatgaca	aggacctttc	ttgtcgccgg	60
gcaaaacacg	ccgcgggagg	aacacctctc	tatgcggtgt	accagatcgt	tctggcgcca	120
caacaggcag	ctattgatgc	catccgcccc	ggcgtttcc	gtcatcagat	cgatagcgcc	180
gtacgttccg	tgattgaacg	tgcaggttac	ggtcgcagct	tcgggcataa	caccggccat	240
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cagcccggca	tggtgctgac	cggtgagccg	gggatctacc	ttgaacacct	gggcggggta	360
cgaattgaag	atgtggtgct	ggtgacggaa	acgggcgcgc	aggtgcttta	taccttcgac	420
aaacggctat	tgtgacggg	agaataa				447

&lt;210&gt; 3907

&lt;211&gt; 2457

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3907

cggacttcag	atgctgatct	cacgcggcca	ggaggaagta	tgcctttcaat	tgaatttttc	60
tgcccactgc	ccaacggcct	gcattgcgct	ccggcctggg	cgtaaaaga	gcagtgcagc	120
gcatggcgca	gcgacatccg	ttttatcaac	agacggcttc	acactcacgc	ggatgcaaaa	180
agctcgctgg	cgctgatcag	taccggtagc	ctgtttaatg	acagctgctg	gctggaaatt	240
aacggcagcg	acgaggagca	ggcccgcgac	gtgctggagg	cgatctcac	cggcgcggtt	300
atcgacagcg	acagtattcc	ctccggcgac	gcgcgcacgc	ttgcgcaccc	cctgccccgc	360
tcgcttgtaa	ggcttgctcc	ccatcttcaa	cacggcatta	cgctcgccag	tggcatcggg	420
gctggcactc	tgcgaggctg	gcagagcgat	aacctcaaac	gttattgtca	gatccccgcc	480
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gtggcggaag	atctgacgcc	cagccagttt	ctcagcctcg	acacgcagta	cctgaaaggc	900
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gtgcctgtgc	tgagtggttt	aacggtcgcc	tcactggcgc	cgttgatggg	aaaagaggtc	1020
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gccgttcgca	tttatcccga	atttgccgat	ctcttccgca	cccaactgcg	cgcgatctta	1500

cgcgccaggcg	caagcggcaa	tgcgctgttg	atgatcccga	tgggtgcacag	cctcgatcag	1560
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cgtcacaccg	cgcgcctgcc	gctggggatc	atggttgaag	tgccttcagt	ctgctttatc	1680
atcgatcact	tctgcgaaga	ggtggatttc	ttcagtatcg	gctcgaacga	tatgactcag	1740
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cagctggaca	tggcgacctg	ccgggcgctg	gcagataagg	cctgcgacag	ccgcagcgca	2040
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ttatgcggaa	atcttgcgat	tcatggcagg	accggaacc	cgctcgagct	tgaagaagat	2220
ctctggcagc	gcgaagagat	tgtcaccacc	gccgtcgggt	ttggcgtggc	gatccctcac	2280
accaaaccgc	aatggatacg	ccactccagc	atcagcattg	cccgtctgga	caaggcgatt	2340
gactgggagt	cggatttggg	cgcggtcgag	ctggtgatca	tgctgacgct	cggcgctcag	2400
gaagggatta	atcacgtgaa	ggtcttttcc	ccagctggcg	cggaaagctgg	tcaataa	2457

&lt;210&gt; 3908

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3908

cgacatggag	taaaaatgtc	cagacctacg	attatcatca	atgaactcga	cgcagaacgt	60
attgaccgac	tgttgagaa	accagaattc	gcctcgctgc	cggtagccga	tgcgctgaac	120
gaagagctag	accgggcgca	gatgtgtacg	cctgagacca	tgccgcatga	tgtggtcacc	180
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tcagctcacc	tggaaagtgt	tgagctgttc	taccagcccc	aagccgctgg	cgattacctg	420
cgttaa						426

&lt;210&gt; 3909

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3909

acactatcag	cgctacagcg	acagagtga	agcaaaacgc	aagggaatggg	ggattttatg	60
caacaacgaa	taatcaccga	aatggaaacg	taccttcagg	cactttcaga	agaagagcga	120
atagccgcta	ttaatgcgtt	tcgtcaggca	ttacatgaaa	tcagcccttt	tcgcgatcag	180
cccgtcgatt	gcgtattgtg	gataaaaaag	acaaacatca	ccgctaacga	ttacaaccga	240
aataacgtcg	cgccgcggga	aaagcggtcg	ctcagcaagt	cactggagct	ggatggattc	300
acacaacctc	tcgttgtgac	ggaaaatgcg	ccacagcact	acgaaattgt	cgatggtttt	360
caccgtcatg	atateggcag	taaccggggc	atcctgaagc	gccagcttaa	aggttacctc	420
cctgttacct	gcctgcgtaa	agcgcgccag	gaaaagttcg	atcgcatggc	ggcaactatt	480
cgtcacaacc	gcgcgcgtgg	acgccaccag	atcaacgcc	tgtcagaaat	cgtgcgagaa	540
ctggtgctta	tgggctggag	tgagcagaaa	attggccagg	agttaggtat	ggacagcgat	600
gaagtgtctg	gtctgaagca	gatcaacggt	ctgctcgaac	tcttcgcaga	ccgtcgtttt	660
tcagaagcct	ggacggtgaa	atag				684

&lt;210&gt; 3910

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3910

gaggcccagc	tgcgccagaa	tcgtcaccac	cagcatgacg	atcacaaatgg	tcggcacctg	60
ccccagcagg	ctgaacgccg	ccggaatggt	cccttcgcc	atgtcgccgc	tcggcagcac	120
catgttctca	gtaatcgacc	cgcgtagct	gtaggtcatc	gccacgccct	ggatgacaaa	180
caggctggca	agggtcgcga	gcattgtccg	aatgcgcagg	atgacgatca	gaaacgcgtt	240

aaacaggccg	accagcgtag	agagcgcgag	agtgtattaca	atcgactcgg	tggtgccgaa	300
gccgtgccag	acgaagagcg	aaatcaccag	cgcgttcgcc	agcgacgcgg	tggatcccac	360
cgagagatcg	aacccgcgga	cggtcaggga	gatcgacacg	ccgatggcaa	tcaccgtcac	420
gatggcaatc	gagcgcagaa	tgtaaatgat	gttgttcgga	tcgaggaagc	tgcccgcgc	480
caggccaaaa	acggccacca	gcgcgacgac	ggtcagcaac	atgccccact	tgtagagaaa	540
atcgaataatc	tgctgacggc	cagacgccgc	cgcgctcact	ga		582

&lt;210&gt; 3911

&lt;211&gt; 831

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3911

accatggaat	tactgagaag	gcttcgtgcc	tggtctggctg	cggaaaaact	ggacggcgtg	60
ctcatctctt	cgcgccagaa	taaacagccg	cacctgggca	tttcaaccgg	ttcgggatat	120
gtgctggtga	cacaaaccgc	ggcacatatc	ctggttgatt	tccgttacta	cagcgatatc	180
gcttcacgag	cggcgggcta	tgagatgcat	ctgcttaaca	cggagaaccc	gtttgcgcag	240
gcggtgaacc	agattattgc	gaaggaagct	ctcaccgcgc	ttggctttga	gggtgaatac	300
gtgagctggc	aaacaggcgt	gctgtggcgc	gatacgcgtg	ataccgcctt	ttgcagcacc	360
tcgcttgacg	cgctgcggca	gataaaaaacc	gctgacgaaa	tcgaccgtat	ccgtgcagca	420
tgccggcattg	ccgaccgcgc	cgcacagcac	atccggcgtt	tcattcagcc	cggatgcgc	480
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tattgctcgg	atatgacaag	gacctttctt	gtcgcggggc	aaaacacgcc	gccggaggaa	720
cacctctcta	tcggtgttac	cagatcgttc	tggcggcaca	acaggcagct	attgatgcca	780
tccgccccgg	cgtttctctg	catcagatcg	atagcgccgt	acgttccgtg	a	831

&lt;210&gt; 3912

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3912

caaggagaaa	cggttatgta	tcaaacaatc	attatgccgg	ttgatgtttt	tgaaatggaa	60
ctgagtata	aggctatacg	tcacgcggaa	tttctcgcgc	agcaggacgg	aattattcat	120
cttctgcatg	ttttgccggg	ctctgccagc	ctgagcctgc	atcgtttcgc	tgctgatgtg	180
cgtcgttttg	aagagcattt	acagcacgaa	gccgagacgc	gcctgcaaac	catggtcggg	240
cacttcagca	tcgatccttc	ccgcatcaaa	acccacgtcc	ggttcggtag	cgtgcgcgac	300
gccgttaatg	agcttgccgg	ggaattaaat	gccgacgtgg	tagtgattgg	ttcacgtaac	360
ccttccatca	ccactcacct	gctggggctg	aacgcctcca	gcgtgatccg	ccacaccac	420
attccggtga	tggtcgtcag	ataa				444

&lt;210&gt; 3913

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3913

ccaccggtcc	acagcagcgc	cagaaccagg	gacgtaaatt	cgtgccccag	cggagagccc	60
gcgaaacgcg	gcccctggtc	agaccctggg	ttggcgatca	ggaaagaagg	cttacggact	120
gccagcgtgt	tgtcttcttt	gaaggctact	ttcggcgaca	gctcagcaat	ctctgtcagc	180
agtgttttga	tttctgccga	tttcgcgctg	tcgtccagcg	tggaatcag	ctcaacaggt	240
ttggtcagtt	tctcaaggta	g				261

&lt;210&gt; 3914

&lt;211&gt; 1281

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3914

ttccataata	tcgtttttgtt	tttttccaga	cattttaacac	gcaggacgcg	attaatcatg	60
tcgatctata	aaatcccttt	acaggaaaat	gttttagacg	cttctgcgga	acgcatagac	120
tggacgctta	acaattttctc	cagggctctgc	gtttcctttt	ccggtggaaa	agattctacc	180
gtgatgctgc	atctcggtgc	ccagaaaagca	cggcaattaa	agcgaaaaat	agatgtcatc	240
tttctggact	gggaagcgca	attctcctca	accattcagc	atgttgacac	gatgagaacg	300
ctgtatcggg	atgttatcca	tctgttctgg	tgggtagcgc	ttccgctcac	gaccagaac	360
gccctgtcac	agtttcaacc	tgaatggcag	tgctgggaac	ccgggacaaa	ctgggttcgc	420
cagccaccgg	aagatgccat	taccgattac	cactatttctg	atttttatca	gcagggaatg	480
acgtttgaag	ccttcgtgcg	cgagtttgcc	gaatgggatg	cacaaagacg	tcctgccgcc	540
gtcatggtgg	ggatccccgc	cgatgaatct	tacaaccgct	ttctggctat	cgctcggcg	600
cgtaagcagc	gctttttctga	cgataaaccc	tggacgaccg	tcgccccggg	tgggcacgcc	660
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&lt;210&gt; 3915

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3915

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cggtggcgcg	ccttcgtgac	cgcgacgacg	tacgccgagc	cggtaaaatc	gattctggac	180
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gcaagccatc	accatcagat	ccaccagtgt	gacgagatta	atccggagca	gatcccttca	720
tga						723

&lt;210&gt; 3916

&lt;211&gt; 528

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3916

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acggaactga	atgccacgca	ccaccgcgca	gtctcacacg	gtaaggtagc	cggcgtgtgt	420
cagccgctgc	atctggggcg	ttccagccag	agctgggaga	tcgtggtgtt	cgacgagcag	480
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&lt;210&gt; 3917

&lt;211&gt; 1644

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3917

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agtaatgaag	gatttacgcg	gatggtttcc	agtcgcctag	agatgcgcgg	tatcagcctg	180
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acgcacgacc	actatgaagg	cgaaatctgc	attaacaacc	agccggttaag	catccgcgag	360
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tcgctcgacg	ttcgccgtc	catcgacggc	tgcacgctgg	ctgaaaaaca	gcagattttg	600
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&lt;210&gt; 3918

&lt;211&gt; 1068

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3918

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attgcggtga	tccgcaacct	cggctcagac	gacaacacca	cgcagtttgt	tgccggggcc	180
attcaggaag	ggaaaaagct	cggctttaag	gtcagcacct	ttttgagcaa	cggggatgac	240
gctaaattcc	aggacttcgt	gaaccaggcc	atcagccaga	aatatgacgg	gattatcctg	300
tctcaggggc	gcgatccgta	ctccaccgcg	ctggtaaaaa	aggcgggtgga	tgccgggatc	360
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ccggggggcg	tgaacgtggc	gtcgttgggc	aaaatcatte	cgggctgggg	ccagacggaa	1020
gatttttatcg	cgccgtggtt	tgcgacgctg	gaagcgaaaa	ataaatga		1068

&lt;210&gt; 3919

&lt;211&gt; 1083

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3919

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aacgacatgc	agacattaca	gacgaccagc	ctgcgggtgg	cgaataatca	gctcttttatt	120
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agcctgctgc	tggcgctgct	ggcggaaaac	ggcaaaagtc	gcgacgagct	ggcgggtggcg	300
ctggaaacgc	ttcgcgcac	ccgcccgcgc	gcggtaaacc	tgatgaacaa	cctcgaccgc	360
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tga						1083

## &lt;210&gt; 3920

## &lt;211&gt; 621

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3920

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atcgaagtaa	ccgagaaaag	tatcgaaggc	cgctggagcg	tgctcttctt	ctatccggct	180
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accttcgttg	ttgaccgcga	gggcattatc	caggctatcg	aagttaccgc	tgaaggatc	480
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ccaggcgaag	tgtgcccggc	gaaatggaaa	gaaggcgaag	cgacgctggc	gccatctctg	600
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## &lt;210&gt; 3921

## &lt;211&gt; 732

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3921

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agcttcttta	actgttttaa	ctatcgccca	ccgatcattg	gtttttccag	caatggctgg	300
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<210> 3922  
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3922  
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 ggtgtggcag cgacagcggg acgaggtact accgttgtag cgtcaacggc tggcggtagt 240  
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 aacctgggga tgaaaaccgc caacgttgag atgcgccagc tggtttcgcc gttctcggcc 720  
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 ggggtcaaac agggcgataa ggtggtgacg tccgggcaat tctcattga ttccgaagcc 1560  
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<210> 3923  
 <211> 996  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 3923  
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 gcccatcatg tgggggagtg ggagtggtct ggaggtgatg caacgtattg ccgcgccgat 180  
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 cgttcattca agtattctgt gttaaggtct gcaccgaata ctaaaatagg taatggcatt 420  
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 aaaacctggc gtccgttatc agacgacaac ttccgtctcg ggctgggcta tacggcaggg 840  
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<210> 3924  
 <211> 1310  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3924

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## &lt;210&gt; 3925

## &lt;211&gt; 1620

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3925

ggaataactca	tgaccatccc	ttttaccgcg	tggcctgagg	attdttgcccg	gcgctaccgt	60
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## &lt;210&gt; 3926



<211> 822  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3926  
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 tggcagcaga cctttgcggg caacgtcggc ggcgcgttca acctgttcca gcagacgatg 420  
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<210> 3927  
 <211> 1098  
 <212> DNA  
 <213> Enterobacter cloacae

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 aatatgcgcg caaccctggt gcccgccgat cagcagtttt ttgccgatct gttgagcggc 300  
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 gctgtcggaa gcgtgagccg gcaactggcca cggcttgacg tcgttcttcg cggggaatat 420  
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 cgcgcacgct ttcagtga 1098

<210> 3928  
 <211> 1305  
 <212> DNA  
 <213> Enterobacter cloacae

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 gagccgtgga cgctcgaaca caccctgacc gaagcccagc gctactcagc agaactctcc 180  
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 gagaagcggg aacgtaaaag gcagaccctg caggcgagc gcggaagcgt gctggcaaaa 420  
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&lt;210&gt; 3929

&lt;211&gt; 2124

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3929

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&lt;210&gt; 3930

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3930

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cgcgaggtga	agtga					1035

## &lt;210&gt; 3931

## &lt;211&gt; 2139

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 3931

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&lt;210&gt; 3932

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3932

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aagtgcgttt	aa					312

&lt;210&gt; 3933

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3933

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ctgaccgtcg	tcgcgctggg	ggccgttttt	ggcctggcgt	cggacagctt	cctcgatccg	180
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&lt;210&gt; 3934

&lt;211&gt; 1242

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3934

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&lt;210&gt; 3935

&lt;211&gt; 1605

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3935

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&lt;210&gt; 3936

&lt;211&gt; 1266

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3936

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gtgtga						1266

&lt;210&gt; 3937

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3937

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cagcgtacgg	gtgagctcct	cgccggtggt	caggttgctg	aacttcacct	ggctgttcac	180
ggtgaccaca	tcattgcggca	tgggtctcagg	cgtaacacatc	tgcgcccgggt	ctag	234

&lt;210&gt; 3938

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3938

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&lt;210&gt; 3939

&lt;211&gt; 1188

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3939

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<210> 3940  
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 <212> DNA  
 <213> Enterobacter cloacae

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 gccacattgc gcgcccgcag cctgcgcggc tccagcagga taattttccc gctgatgttc 240  
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<210> 3941  
 <211> 477  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3941  
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 gaagcccagc tgtcgcaact caagcgattt cttgaagcat ggcgtaatca actcagggat 180  
 gaagtcgata gcaccgttac acatatgcag gacgaagctg ctaacttccc ggaccgggtc 240  
 gaccgtgccg ctccaggaaga agagttcagc ctccaactgc gtaaccgtga ccgcgagcgc 300  
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 tgcgaatcct gcggtgttga aatcggtatt cgtcgctggg aagcgcgctc aacagccgat 420  
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<210> 3942  
 <211> 903  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3942  
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 tag 903

<210> 3943  
 <211> 615  
 <212> DNA  
 <213> Enterobacter cloacae

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 tctaataaca cctgtaaagt atccctggat cagaagattg accaggatgg taatgatttt 180  
 gacgttaacc tggataccgt gtttgtaaaa gacttcgcta atgcgctggg taccaccagc 240  
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 caggcatccg ctcaagtttg ttcctgggag ggttcttctt caacttccgg cggtctgctg 360  
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 ggcaactccg ctaccgatca gatcaaactg gatcagacca acaataccca gaaagcaacg 480  
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<210> 3944  
 <211> 627  
 <212> DNA  
 <213> Enterobacter cloacae

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 gcgacctttg aatttatcta cgagtga 627

<210> 3945  
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 <212> DNA  
 <213> Enterobacter cloacae

<400> 3945  
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tcgttttaaag ccaccggcgt attcaccctt tcatacgact aa

1122

<210> 3946

<211> 1803

<212> DNA

<213> *Enterobacter cloacae*

<400> 3946

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tgccagcgaa	taattctctc	cataccgaaa	cccggagagc	tgtcgatgaa	taacaacaaa	420
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<210> 3947

<211> 987

<212> DNA

<213> *Enterobacter cloacae*

<400> 3947

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&lt;210&gt; 3948

&lt;211&gt; 1224

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3948

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&lt;210&gt; 3949

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3949

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&lt;210&gt; 3950

&lt;211&gt; 585

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3950

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&lt;210&gt; 3951

&lt;211&gt; 714

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3951

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&lt;210&gt; 3952

&lt;211&gt; 489

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3952

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&lt;210&gt; 3953

&lt;211&gt; 831

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3953

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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3955  
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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3956  
 <211> 2598  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3957

&lt;211&gt; 651

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3957

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&lt;210&gt; 3958

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3958

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&lt;210&gt; 3959

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3959

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&lt;210&gt; 3960

&lt;211&gt; 1392

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3960

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&lt;210&gt; 3961

&lt;211&gt; 999

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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gaaggtttac gcgatgccga agaggtggtt gtctggcgca agcccgacac cggcccgatg 240  
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<210> 3962  
<211> 213  
<212> DNA  
<213> *Enterobacter cloacae*

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cctggcatgg tgcagccacc gtcgctgatg atctggccgc ccagaccgtg cgcagcgta 180  
gcgattcaa ttaccgcaga cagctgcgga taa 213

<210> 3963  
<211> 924  
<212> DNA  
<213> *Enterobacter cloacae*

<400> 3963  
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tacctacagg ctccgcgccg tcagggtcaa tggctggtcc gcattgaaga tatcgatcct 180  
ccgcgtgaag ttcccggtgc agcagaaaact attctgcgtc agctggaaca ttacggtctt 240  
cactgggacg gcgacgtact ctggcagttc caacgccatg atgctaccg tgaacgtctg 300  
gcgtggcttg ctgaacaggg cctttcctat aactgcacct gcacgcgggc gcgaattcaa 360  
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tcgaaacaga atcatgcccc ggcgctgcct gacggcgatc cgcgcccggg tttgatcgac 780  
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caaatgcgtt gcgctgagct atga 924

<210> 3964  
<211> 1440  
<212> DNA  
<213> *Enterobacter cloacae*

<400> 3964  
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ccacacatgt	cggtcattcc	gcgtgagcag	cacaatat	cccgcacaaga	tatcagtga	180
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&lt;210&gt; 3965

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3965

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aaagtactta	acgctgcagg	cacagcttcc	actgaaattg	cgttcggcga	cgtatacaaa	240
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ccataa						606

&lt;210&gt; 3966

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3966

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acactcatca	gcaacaatgc	actatggtca	aaaatgctgg	tggaggaaga	ccccggtttt	180
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cgcgtccccc	ccgaacgtct	gactggtctt	gaacctggcg	aactgtttgt	tcaccgcaat	300
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ggcctgctgc	gcaatctgga	agtgaaccgc	accaaccgcg	aaacgctgga	acagcggtac	720
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 <211> 2424  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (1605)

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 gatccgggtg agctgaccaa cgaagtgacc ccgattaaag tgggcaacat gctctacctg 720  
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<210> 3968  
 <211> 636  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 3969

&lt;211&gt; 1554

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3969

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ctcggcgtag	ccaccaccta	tgcgctgttc	agtaacatcg	actgggacga	tgacgacgat	900
catcatcacg	atcatgatga	cgatcaccac	ggcggttatt	cgcataacgg	cgataacatt	960
aatattaatg	ttaataactt	caataagatc	accggcgagc	accgtaccga	taatcaccag	1020
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agccgctatc	atcagacttc	agtgcggggc	gggttgagcg	ctaccggcca	gcagccggtc	1140
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caacagatga	ataatactct	tgcgcaaacc	agacgcccga	cgcaggttca	gcacagccg	1380
ctgcgggcaa	acgccctgag	cggcaacgac	agccgttcgg	ccagctggca	ggcccagcac	1440
cagcgcgggc	tgcaaagccg	ccagcacgcg	tcgctgaaca	gtgagcagcg	tgccagcttc	1500
cgccagcagc	tgtccgaaca	ccataccgaa	caccatgaat	tccaccgtcg	ttaa	1554

&lt;210&gt; 3970

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3970

ggagcagaca	tgaacagaca	acaaggattt	accctgattg	agctaattggt	agtcattggc	60
attattgcc	tcttgagcgc	gattggcgtc	ccggcctatc	agaactacct	gcgaaaagcg	120
gcgctcaccg	atatgctgca	aacgttcac	ccctaccgca	ccgccattga	gctttgcgcc	180
ctggatcgtg	gtggtgtgga	tcgctgcgac	gcaggcacca	atggcatccc	ctccccgaca	240
accacacgtt	acgtttcagc	gatgagcgtg	gcgaagggga	tcgtatcggt	aacagggcag	300
gaaagcctta	acggacttga	agtgtcatg	acaccgatct	ggagcgacgg	taacggtatg	360
acgggctgga	cgcgtgactg	caaaattgcg	tccgacacgg	cgctcagaca	agcctgtgaa	420
gatgttttcc	gcttcgacaa	caactga				447

&lt;210&gt; 3971

&lt;211&gt; 1392

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3971

caggagtgga	caatgaatac	cgaacagctt	atgacgctct	gtcagcgcca	tcacgcactg	60
ctactcgcaa	gcgacaccga	gatgatcagc	attgcggtgg	tgggtaatcc	tgccctctgag	120
ctgatggaag	cgttacgctt	cgccacgcag	aaacgtattg	atattgagtg	ctggacggct	180
gaacggatgg	aaaaacggct	tcagtccttc	tcatcatcac	acctgccggg	catcgtgcca	240
aactcagccg	ctgacgtgct	cagtacaacc	ttgcagcagg	cagtaaacca	gcgggcttct	300
gacatccata	ttgaaccgac	ggagcacggg	taccagatcc	gtttgcgaat	cgacgggtgtt	360
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gtgctgggtc	aactggatat	tgcggagcgc	cgcttgccgc	aggacgggtca	gtttacggtg	480
gagctggcaa	gcgtccccgt	ctcttttctg	atcgcaaccc	ttccctgtag	cggtggagaa	540
aaaatcgtgc	ttcgtctgct	tcaccaggta	cagcaggctc	tggagcttga	acagctgggg	600
atgagcgcag	accagcaggc	ccgtttttgcc	gaggcgctta	acagccctca	ggggttgatt	660
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gccctgctca	ggcaggatcc	tgacatcatt	atggtagggtg	aaattcgtga	cggcgaaacg	900
gcagaaattg	ccattaaggc	ggcacaaacc	gggcatctgg	tgtgtgccac	cctccatact	960
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tttgaagtgc	tcgtcatcga	cgacacgctg	cggcaggcca	tcgccagcgg	agcaagcacg	1260
gaggtgattg	ggtccagcgc	tcgtcaggcg	ggaatgacct	cattgtttga	gcattggctgc	1320
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gatggctgct	aa					1392

&lt;210&gt; 3972

&lt;211&gt; 837

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3972

cggcgcacca	gatgccattg	catcggatgt	tgctcgtctg	cacgcgcagt	atctgacctt	60
cgccgcgcag	gccgttgac	aggaaaaacc	ataatgtcga	ctcatatcct	ttttgagcac	120
ccgcttaacg	aaaaaatgcg	tacctggcta	cgcatagaat	ttcttattca	acagctttca	180
caacatctgc	ctgtcaacga	tcacgccacc	gcgctgcatt	ttttccgcaa	cgtgggagat	240
ctgctggatg	tgattgaacg	cggtgacgtc	cgactgagc	tgttgaaaga	gctggagcgc	300
cagcagcgta	aattacaggc	ctggggccgaa	gtaccggggc	tggatcaaag	tcgaattgac	360
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cagtttttac	gagaggatcg	tctgattgcg	ctggtgcgcc	agcgcctgag	cataccgggc	480
ggttgctgta	gctttgacct	gccaacgctg	catatgtggt	tgcacatgcc	gcaggaaacg	540
cgcgatcgcc	aggtgaacag	ctggctgggc	agcctggagc	cgatgaatca	gacgttatcc	600
ttgatectcg	atcttgtgcg	taactctgcc	ccgttccgca	aacaaaccag	tctcaatggg	660
ttctatcagg	ataacggcga	cgacgccgat	cttctgcgcc	tgaatctgtc	tcttagcgag	720
cagctttacc	cgcaaatttc	cggacataaa	agccgtttcg	cgatccgctt	tatgccgctg	780
gacagtgaac	atggcaccgt	gccggaacgc	ctcgattttg	aactggcctg	ttgttaa	837

&lt;210&gt; 3973

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3973

ggagtgccga	tgtctgacgt	aaccaccgta	aactgcccga	cctgtgggaa	aactgtcgtc	60
tggggagaag	tgagtccatt	tcgcccattc	tgctgcaagc	gctgtcagct	tatagacctg	120
ggcgaatggg	cggcggaaga	gaaacgcatt	ccgagcgaag	gcgatctctc	ggatagcgat	180
gactggagcg	aaaaccagca	gtaa				204

&lt;210&gt; 3974

&lt;211&gt; 2739

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3974

atgcgcggtt	cctttcagcc	ccgtgtgagg	cttttgctaa	tcaaattggt	aaccagagtt	60
tttggtagtc	gtaacgatcg	taccctgcgc	cgcatgcgca	aagctgtgaa	cgatcatcaac	120
ggtatggaac	cggcgatgga	gaagctctct	gatgatgagc	tgaaagcgaa	aaccgcggag	180
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gtagtacgtg	aggccagtaa	acgcgttttc	ggcatgcgtc	acttcgacgt	acagctgctc	300
ggtggtagtg	tgcttaacga	gcgctgcata	gcggaaatgc	gtaccggtga	aggtaaaacc	360
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gaggttgact	ccattctcat	cgatgaagcg	cgtacccgc	tgatcatctc	cggcccggcc	720
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gacgttgcca	acgaccagcg	tcgtgcgata	tacaccagc	gtaacgaact	gctggacgtg	2040
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gcccataattc	caccgcagtc	tctggaagaa	atgtgggata	tcgaaggctt	gcaggaacgt	2160
ctgaaaaacg	acttcgatct	cgaactgcc	atcaaagagt	ggctggacaa	agagcctgag	2220
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cacctgcgag	gttatgcgca	gaaagatccg	aagcaggagt	acaagcgtga	atccttctcc	2460
atgtttgccg	ccatgctgga	gtcgtggaag	tatgaagtca	tcagcactct	gagcaaagtt	2520
caggtgcgta	tgccggaaga	agtggaaagc	atggagcagc	agcgtcgtga	agaagctgag	2580
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atcgacgcgc	agacgggcga	tcgtaaaagt	ggtcgtaacg	atccgtgccc	atgcggttcc	2700
ggcaaaaaat	acaaggcgtg	ccacggccgt	ctgagctaa			2739

&lt;210&gt; 3975

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3975

gaacataaca	aactgaaaag	gcgcagatat	ctgcgccttt	tttatggaag	tgacatgatg	60
aaaacactgc	aaattgctgt	cggtatcatt	cgcaaccgcg	aaaaccagat	cttcattacc	120
caacgtgccg	ccgatgcgca	catggccaac	aaatgggaat	tccccggcgg	gaaaatcgaa	180
tcagggtgaaa	cgccggagca	ggcgtggtg	cgtgagcttc	aggaagaggt	ggggatcacc	240

ccgcttggcg	caacgctggt	cgataagctg	gagtaccagt	ttccggatcg	tcacatcacg	300
ctgtggttct	ggctggtgga	aagctgggaa	ggtgaaccgt	ggggtaaaga	ggggcaaccg	360
gggggctggg	ttacgcttca	cgcgagtgat	gccgaaaaat	ttcctccggc	aatgcgcccc	420
gtcatatccc	ggctaacggg	caacctgtag				450

&lt;210&gt; 3976

&lt;211&gt; 1098

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3976

cgtcactgga	gttgtgcttt	taatatat	gcctctaacc	ccaggaatcc	gcacatgcgt	60
atcgaagaag	atctgaagtt	aggtttcaaa	gacgttctta	tccgccctaa	acgctctaca	120
ctgaaaagtc	gctcagacgt	tgaactcgaa	cgtaattca	cctttaagca	ttccggtcag	180
acgtggtctg	gcgtgccgat	tatcgcggcc	aacatggaca	ccgtcgggac	cttcgagatg	240
gcgaccgcac	tggcgcaatt	cgacatcctt	actgcggtac	acaaacacta	cagcgctgaa	300
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ggctccggtt	gcaccacgcg	cgtgaaaacc	ggtgtgggtt	atccgcagct	gtctgcggta	660
attgaatgcg	ctgacgctgc	gcacggtctg	ggcggccaga	tcatcagcga	cggtggtctgc	720
accatgccag	gcgatgtcgc	gaaagccttc	ggcggcggcg	cggatttcgt	gatgctcggc	780
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gcgaaatacc	gtgcggcgga	aggcaaaacc	gttaagctac	cactgcgtgg	tccggtcgaa	960
aacacggcgc	gcgatatact	cggcggactg	cgttctgcct	gcacctacgt	tggggcttcc	1020
cgctgaaag	agctgactaa	acgcacgacg	tttatccgcg	ttcaggagca	ggaaaaccgc	1080
gttttcaata	gcctctga					1098

&lt;210&gt; 3977

&lt;211&gt; 579

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3977

ataaggagtt	ccagcatggt	gttagaaaaac	ggatggctgg	tggaacgcgcg	gcatgtaccg	60
tcgccgcacc	acgactgccg	cccggaggat	gaaaagccca	cactgctggt	ggttcacaat	120
attagtctcc	cgccgggtga	gtttggcggt	ccgtggatcg	atgcgttatt	cactggaacg	180
atagatcccg	atgcccaccc	cttctttgct	gagattgcgc	atctgcgcgt	atcggcgcac	240
tgtctgatcc	gtcgtgatgg	cgaagtgggt	cagtatgttc	cttttgataa	gcgtgcctgg	300
catgccggcg	tgtcgaagta	tcaggggcgc	gagcgggtgca	atgatttctc	cattggaatt	360
gaactggaag	gaacggacac	cacgccttac	accgatgcgc	aatatgagaa	actggttgct	420
gtaacgcaaa	cgттаатсгг	gcgctatccc	gccattgcag	acaatattac	agggcacagc	480
gacatcgccc	ccgaaagaaa	aaccgacccc	ggcccggcgt	ttgactggtc	ccggtttcac	540
gccatgctta	ccacgtcgtc	agataaggag	ataacatga			579

&lt;210&gt; 3978

&lt;211&gt; 2643

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3978

agagaacgcc	cgccgcatat	gacaatgaga	gcgaggagaa	ccgtcgtgct	agaagaatac	60
cgtaagcacg	tagcagaacg	tgccgccgag	ggaattgtac	ccaaaaccgtt	agatgcaacc	120
caaatggccg	cgctcgtcga	gctgctgaag	aaccgcctg	agggcgagaa	agaattcctg	180
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ggatttcctg	ccgccgttgc	caaaggcgaa	gccacctccc	cactgggttac	tcctgaaaaa	300
gcgattgaac	tgctcggcac	catgcagggt	ggctataaca	ttcatccgct	gattgacgcg	360
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taa						2643

&lt;210&gt; 3979

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3979

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&lt;210&gt; 3980

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3980

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&lt;210&gt; 3981

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3981

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&lt;210&gt; 3982

&lt;211&gt; 1311

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3982

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<210> 3983  
 <211> 519  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3984  
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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 3985  
 <211> 483  
 <212> DNA  
 <213> Enterobacter cloacae



&lt;400&gt; 3985

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taa						483

&lt;210&gt; 3986

&lt;211&gt; 2430

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3986

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&lt;210&gt; 3987

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 <212> DNA  
 <213> Enterobacter cloacae

<400> 3987

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<210> 3988  
 <211> 522  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3988

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<210> 3989  
 <211> 864  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 3989

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&lt;210&gt; 3990

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3990

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&lt;210&gt; 3991

&lt;211&gt; 2679

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3991

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&lt;210&gt; 3992

&lt;211&gt; 1434

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3992

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&lt;210&gt; 3993

&lt;211&gt; 447

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3993

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&lt;210&gt; 3994

&lt;211&gt; 1764

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3994

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&lt;210&gt; 3995

&lt;211&gt; 834

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 3995

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&lt;210&gt; 3996

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3996

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&lt;210&gt; 3997

&lt;211&gt; 603

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3997

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tga						603

&lt;210&gt; 3998

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3998

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&lt;210&gt; 3999

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 3999

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&lt;210&gt; 4000

&lt;211&gt; 1827

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4000

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&lt;210&gt; 4001

&lt;211&gt; 807

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4001

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&lt;210&gt; 4002

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4002

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&lt;210&gt; 4003

&lt;211&gt; 1111

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4003

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&lt;210&gt; 4004

&lt;211&gt; 1521

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4004

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&lt;210&gt; 4005

&lt;211&gt; 495

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4005

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&lt;210&gt; 4006

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4006

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&lt;210&gt; 4007

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4007

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&lt;210&gt; 4008

&lt;211&gt; 1725

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4008

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&lt;210&gt; 4009

&lt;211&gt; 552

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4009

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&lt;210&gt; 4010

&lt;211&gt; 2373

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4010

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gtgatgatcc	cgcatgcgaa	cgatctgccg	aagaccatcc	agacgctggt	acgttcaccc	960
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gaactggcgg	caacgcacgc	ccgcgcagcg	tcgtctctta	cggtgtgctt	cagcgcgggc	2220
gtccttcaca	accgcctgct	gcgcgcgcgc	cttcgtcatt	acctttctga	tttcacgctt	2280
ctttttcctt	cgcgccctgc	cgcaggcgac	ggagcgatct	ccttcgggca	ggcggtggtt	2340
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&lt;210&gt; 4011

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4011

accaaaggcg	ctggcgcggt	tgttacggaa	gcgcaggccg	gtcatctctt	ccaccagtc	60
ggcaattttc	ggcatcatca	cgttattcat	ggtggaggta	cccaccagca	cgcctttgga	120
gcggaagacg	ttggtcaata	cctcattctt	atcgctgcgc	gccacgttga	agattttcac	180
cgccacgttc	gggtcaactt	cgttgatgcc	ctgggcaatg	gcgtccgcca	tcatgcggtt	240
gttggttgac	atggtgtcgt	agaagatcgt	aatgcggtct	tcctgatagt	ccgccgcca	300
cttcagggtac	agttcgacaa	tctgggttgg	attttcacgc	cataccacgc	cgtgggaggt	360
ggcaatcata	tccaccggca	ggttgaagcc	gaggatctcg	gtgatttttg	gcgtgaccag	420
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agtgggtcag	tagatcgggg	tatccggaat	gtgggacatc	agctcggtca	gcgccccggc	780
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tttaccttca	cgaatgagat	agctgttgta	gctgctgcgc	cgcagcggtt	tgtattccgt	960
cccgtgaaaa	tcacgtactt	cccagtcacg	ttgaccaccc	caatgaatgt	tatttttaac	1020
cagaatagac	atagcaacct	caacttaata	cggcggtttc	aaataagatg	a	1071

&lt;210&gt; 4012

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4012

cagttaacca	ggcaagcgat	gcttaattta	cagcgtagcg	caatgtttat	cgcctgtagc	60
gacaccggca	gtttcacccg	cgcggcgagg	gcgatggggc	tgacaaaagc	ggtggtcagc	120
tttcatattc	gtcagcttga	agaggagctg	ggcgtagccc	tggtgctgcg	aaccacccga	180
cgcctgacgc	tgaccgaggg	ggggaagctc	tttcatcaac	gaagcgtagt	gctgttacgg	240
gatgcagagc	gattgcagga	tgacgttcgc	gccaaccacg	ccgggctgac	gggagaactg	300
cggatcacca	ccacgccccg	atatggctcg	caggtgggtg	tgcctttgct	ggctgaattt	360
agccagttgc	accgggacct	tcgcgtgcgg	catgtctcgt	cctctttgca	tgccgatctt	420
atcgccgagc	gcttcgatgt	cgcgtatccg	ctcgccacgc	ttgcagattc	gcgtaccac	480
gccgcgttga	tgacctcctt	caccatcctg	cccgtggcaa	cgccaggctg	gctggcaaac	540
catccggttg	actcgttgga	acaactggcg	gaagcggact	ggatcattca	cgagcgttta	600
acgtcgccgc	tgcgctggca	ggtgagaggt	gttgatggac	atccggtttc	ctttgagatc	660
aagaaagcgc	cgcgcctgta	tgcagacagc	gccagggcgc	tgatggcttt	tgccctcgcg	720
ggatgtggag	tggcgctgct	gccggagtgg	ctggtgcgta	acgcactgga	tgccggggaa	780
ctggtctcgc	tgttaccggc	atacacgttt	gctcagcagg	gcattctatg	cgtttatccc	840
gatgcccggc	atgtgccccg	gaaagtgcga	acattttatt	atttttatgc	cgtcagggtg	900
acttaa						906

&lt;210&gt; 4013

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4013

ccgcgatgct	ggcggcacgt	caataaggag	gaaaaaatga	tttgtccacg	ttgtgccgat	60
gaacatattg	aagtgatggc	aacatcaccc	gtgaaagggt	tctggacggt	atatcagtg	120
cagcactgtc	tgtatacctg	gcgcgatacc	gaaccgctgc	gccgtaccag	ccgcgagcat	180
taccgggaag	cgttccgcat	gacgcagaag	gatattgatg	aagcaccgca	ggtgccgacg	240
atccccggcg	tgctgtaa					258

&lt;210&gt; 4014

&lt;211&gt; 900

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4014

caagggttga	ccgcagagta	taattacact	tcacccccgg	agtttaactat	tctgtttatc	60
------------	------------	------------	------------	-------------	------------	----

gtaagcgagc	ggcatatggt	ctggataaatt	aacgataaaa	ttaaattttg	tccagagagg	120
aatttgctga	tttcggtgac	ccgtcctgac	ttaaattgtaa	ttctgacaac	ccctgccagc	180
cgttgctctga	accttctttt	agaatcattt	ccagaagtcg	ttacgcagaa	atacttcttt	240
gataaagtct	ggggcgagga	cggcatgctg	gttcgggcaa	atacgcttta	tcagaatata	300
tctataattc	gacgcgggct	ccggaccaca	ggagagacgg	acgatacgct	ggtggcgacg	360
gtgccgagaa	aaggattcca	gatagagaaa	aatgtcaggg	taacccgcgt	tgacacggac	420
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aacttcaggc	gattttataaa	aatcatttta	gacacggggc	ttgattgtaa	aaaatatccg	780
tgggtctatt	tttctctcatc	cagccatgct	ccggcgcttt	ccgttcttgc	ttgcagagaa	840
ccctttgaaa	taaaagcaaa	tgccggatgt	atttcgctct	atttttagagg	acatctctga	900

&lt;210&gt; 4015

&lt;211&gt; 423

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4015

ggcgcgatc	cgatgagtga	aacggtggtg	ttcagccagc	tgagccgtaa	gtttattgat	60
gagaacgatg	ccacgccgga	tgcggcgag	caggtggtct	attacagcct	ggcgattggg	120
caccacctcg	gggtgatcga	ctgcctggag	gcggcgtaa	cctgcccggtg	gccggaatac	180
ctggcggtga	tcgtcacgct	ggaggaaggc	agtacggcgc	ggcgcaagat	ggagggcggtg	240
ccgaagtatg	gcgagatcgt	catcgacgcc	aaccacattg	cgatgctcgc	taacgccttt	300
gacgcggcgc	tgagcgtaca	aaccccgggc	cagcaggcgt	ggagcaaaac	gctgctcggc	360
atgctgcacg	atattcatca	ggagagcgcc	atctacctga	tggtgaggag	attacgtgac	420
tga						423

&lt;210&gt; 4016

&lt;211&gt; 1053

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4016

agtacactgc	ggctcatcgg	ttttgaatgg	aataaacta	tgaccaccat	gctggaagtg	60
gcgaagcggg	caggcggtgc	gaaagcgacg	gtctcccggg	tgctgtcggg	gaacggttac	120
gtcagccagg	agacgaaaga	ccgcgtgttt	caggccatcg	aaagaaagcgg	gtatcgcccc	180
aatctgctgg	cgcgaaacct	ggcgaccaaa	cgcacccaga	cctgggggct	ggtggtgacg	240
aacacccgtg	accatggggg	ctacttttagc	gagctgctgt	ttaacgccgc	gcggatgacg	300
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ttcatgctcg	acggcggtga	gtttaagctt	cagcaaacct	tctccggcga	gcttatcctg	1020
cgcgactccg	ttattgacgg	cccgcacgcg	tga			1053

&lt;210&gt; 4017

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4017

atagcttcgc	gcataacagt	tatgccggag	aagcagatga	accgttttat	tatggccgat	60
gccagcaaat	gcattgggtg	ccgtacctgt	gaagtggcgt	gcgtgggtgc	ccatcaggca	120
gagcaggatt	gcgcctctct	cacccttgat	acctttctgc	cgcgcattcca	cgctattaaa	180
ggcgtgaata	tttctaccgc	cgctatctgt	cgccagtgtg	aagacgcgcc	gtgcgccaac	240
gtctgtccga	acggggcgat	taagcgcgag	aaaggcttcg	tgcattgtgat	gcaggagcgc	300
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acgcatgcgc	tggctctgcgt	cgatcgagac	aagctcgaac	agatgagtgc	cgaaaaacgt	540
cgccgcgcgg	cgttcgacac	ctcgtcatca	ctgctgttct	ga		582

&lt;210&gt; 4018

&lt;211&gt; 1239

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4018

gcgaactggc	ggcaacgcat	gcccgcgcgac	ggctcgtctc	tacgggtgtgc	ttcagcggcg	60
gcgtccttca	caaccgcctg	ctgcgcgcgc	gccttcgtca	ttacctttct	gatttcacgc	120
ttctttttcc	ttcgcgcctg	cccgcaggcg	acggagcgat	ctccttcggg	caggcgggtg	180
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cctcgtgcag	cgtgcctgct	gctggctctc	gggatggcta	acctgctggc	ctgggggctg	300
gcgtggcaca	cctttagcga	cagtacggcg	ctgatggcgg	ccagcctgct	ggcctgggtg	360
tacggactgc	gtcatgcggt	ggatgccgac	catatcgccg	cgattgatac	cgtgacgcgt	420
aagatgatgc	agcagggcaa	gcgcccgtcc	ggcgtgggcg	catggttttc	cctcggacac	480
tccaccatcg	tgggtgctggc	ctccattgct	atcgccgcta	ccgccacggc	gtttcagaaa	540
aacatggcat	ggttccacga	aaccggcagc	cttattggca	ccgcctctc	cgccaccttc	600
ctgctggcga	tggcgctggg	gaatatgggt	atcctgcgcg	gcgtctggcg	cagttttcag	660
gcactgaaac	acggcaggcc	ggtgcagggc	gacatcacgc	tgcctgcaca	gggtggcgtc	720
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gccggatttg	tgggtggtcg	gctggtttgt	gcctgctggc	tgatctcgat	ggcgaactac	1200
cgctggcgcg	gttatgacgc	gctggtgggtg	cgctcctga			1239

&lt;210&gt; 4019

&lt;211&gt; 1599

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4019

tgtctccaaa	tgggtagtca	ttttgactat	cttaaaaatt	gtcaatatga	cactatgcat	60
tgtcaaaatg	acagtgaggc	agagatgagc	ttttccgtag	atgtgctggc	gaagatcgcc	120
atagaactgc	aaaccgggat	tggatcatcag	gaccgctttc	agcggctgat	ctccacgttg	180
cgtcacgtgc	tggattgcga	tgcctcggcg	ttgctgcgtt	acgaaggcg	gcagtttatt	240
ccgctggcta	tcgacgggtc	ggcgaaggac	gtactcgggc	ggcgctttac	cctggagggc	300
caccgcgcgc	tggaaaccat	cgcccgtgcg	ggtgacgtgg	tgcgtttccc	ggcggacagc	360
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atgtcgccgg	atcagttcga	taccttcagc	gacgaagagc	tacggctgat	tgctgcgctg	540
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ctttcgctcc	aggccaaact	gctgcgggtg	ttgcagtatg	gtgatattca	acgcgtggga	1020
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gaagaggtgc	tggcggggaa	tttccgcgcc	gatctgttcc	accgtctgag	cgtgttcccc	1140
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tgcgaacagt	gtcggctcaa	aatggggctt	tcccgcgtgg	tgctaagccc	cgggtgcgag	1260
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gagcagaata	accgcagctg	ggcggcgtgc	gcgcgggcgc	tggagatgga	cgtcgccaac	1560
ctccacaggc	tggcgaaacg	tctggggctg	aagggttaa			1599

&lt;210&gt; 4020

&lt;211&gt; 849

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4020

gggtccggtt	ccgcaggctg	tcaccccagg	ctgcacgtta	aaattttattt	cgtaataaaag	60
gagagacaca	tgagtcaggt	tgccgttgct	attggtgggg	gacaaacctt	aggcgagttc	120
ctctgccatg	ggcttgccgc	agagggctac	cgcggtggcg	tcgtggatat	tcagagttag	180
aaagccgccc	gcgtagcggg	cgccatcaac	accgagtttg	gcgaagggat	ggcgtacgga	240
tttgggtgcc	acgccaccag	cgagcagagc	gtgatggcgc	tggcccgcgg	cgtggacgag	300
atatttgagc	gtatcgacct	gctggtctac	agcgcgggga	tcgcgaaagc	ggcgtttatc	360
agcgatttcg	agctgggaga	ttttgaccgc	tcgttgacag	tgaatctggt	gggctatttc	420
ctctgcgccc	gtgagttttc	ccggctgatg	atccgcgacg	gtattcaggg	tcgcatcatt	480
cagatcaact	caaaatcggg	gaaagtgggc	agcaagcaca	actccggcta	cagcgcgggc	540
aagtgtggcg	gcgtcgggct	gacgcagctc	ctggcgctgg	atctggccga	atacggcatt	600
accgttcacg	cgctgatgct	gggtaacctg	ctgaaatccc	cgatgttcca	gtccctgctg	660
ccgcagtagc	ccgccaaact	tggcatcaaa	gctgaagaag	tggaaacagta	ctacatcgac	720
aaagtgcgcg	tcaagcgcgg	gtgcgactat	caggacgtgc	tgaacatgct	gctgttttac	780
gccagcccga	aagcctcgta	ctgcaccgga	cagtcgatta	acgtcacccg	tgggcaggtg	840
atgttctga						849

&lt;210&gt; 4021

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4021

ggaggcgtca	tgcacgaaat	cacctctctg	cagcgggcac	tggaaacttat	cgaacagcag	60
gctgtgcaga	accatgcgaa	gcgcgtgacc	ggcgtctggc	tgaaggctcg	ggcgttttcc	120
tgcgtcgaga	ccagcgcctt	caccttctgt	tttgagctgg	tgtgcgcggg	cacgctggcg	180
gaagggttgc	cactgcatat	cgaggagcag	caggcggagt	gctggtgcga	acagtgtcag	240
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ctgcgcatcg	tggcggatga	cggtatgcag	atccaacgcc	tcgaaatcga	gaaggagtaa	360

&lt;210&gt; 4022

&lt;211&gt; 867

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4022

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&lt;210&gt; 4023

&lt;211&gt; 2109

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4023

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&lt;210&gt; 4024

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4024

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<210> 4025

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 4025

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<210> 4026

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 4026

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<210> 4027

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 4027

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gttgcgctgg	atgaacacaa	ccgggtgagc	gattccctca	tcatgcgcgcg	cgtaacggtg	240
tttgcccgtc	cgacaaaaat	tcaggcgatc	aacggcattt	cgtgcatga	attacaacct	300
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aaacatggat	aa					372

<210> 4028

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 4028

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tgctcggtag	aggatctggc	ccactacttt	gacaccaccg	gcacgacaat	acgcaaggac	180
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&lt;210&gt; 4029

&lt;211&gt; 1152

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4029

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&lt;210&gt; 4030

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4030

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&lt;210&gt; 4031

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4031

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&lt;210&gt; 4032

&lt;211&gt; 765

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4032

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&lt;210&gt; 4033

&lt;211&gt; 1230

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4033

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&lt;210&gt; 4034

&lt;211&gt; 2583

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4034

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&lt;210&gt; 4035

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4036

<211> 594

<212> DNA

<213> Enterobacter cloacae

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<210> 4037

<211> 978

<212> DNA

<213> Enterobacter cloacae

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<210> 4038

<211> 1461

<212> DNA

<213> Enterobacter cloacae

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 ccggagtggg acttccacac tgtgaaaacc ggcgacacgc tggatatcgg caacggcaaa 420

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cagattgtcg	aactgtacct	gaagtgggcg	gcggactatc	aggaagaccg	cattacgatc	780
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&lt;210&gt; 4039

&lt;211&gt; 1497

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4039

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&lt;210&gt; 4040

&lt;211&gt; 1443

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4040

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&lt;210&gt; 4041

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4041

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taa						243

&lt;210&gt; 4042

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4042

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&lt;210&gt; 4043

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4043

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&lt;210&gt; 4044

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4044

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gctgagcagg	tcggcgaaaca	gatcagaaaa	ctgggactgg	actga		1005

&lt;210&gt; 4045

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4045

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&lt;210&gt; 4046

&lt;211&gt; 435

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae



&lt;400&gt; 4046

agggagtatt	tttccgtcgg	agtgtccatg	gagttaagac	aagaagcttt	ccacctgcta	60
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ccacaatatg	cggatgatgcg	gtcaattgct	gaaaatcctg	gtattgagca	ggttgccctg	180
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&lt;210&gt; 4047

&lt;211&gt; 1416

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4047

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&lt;210&gt; 4048

&lt;211&gt; 1215

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4048

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cgtagccagg	ggtga					1215

&lt;210&gt; 4049

&lt;211&gt; 1437

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4049

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aacagcagtg	tgattgtgag	tgattcccct	gcggcaaggc	gggcgggaat	gagcgaaagc	180
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&lt;210&gt; 4050

&lt;211&gt; 1515

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4050

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&lt;210&gt; 4051

&lt;211&gt; 1395

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4051

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&lt;210&gt; 4052

&lt;211&gt; 938

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4052

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gccgcgccac	gccgtcagcc	tcgaccggat	gatggcgctg	gcgtttggag	ggcaatcatg	120
aagatcttac	tgaaaaaaccg	cgagctgagc	gcgtttctcg	ccattctggc	gctgttcgcc	180
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&lt;210&gt; 4053

&lt;211&gt; 774

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4053

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gagccggtga	tcatcaagcg	tctgctggat	atcggtctct	acaactttct	gatcccgttt	300
gttgaaacgg	aagaagaagc	ggtgcaggcc	gtggcggcga	cccgcctatcc	accggaaggg	360
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&lt;210&gt; 4054

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4054

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&lt;210&gt; 4055

&lt;211&gt; 933

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4055

gcgcagaata	ttatgaatac	tattatttcta	ccgaaaactc	agcacctcgt	ggtattttcag	60
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&lt;210&gt; 4056

&lt;211&gt; 1029

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4056

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&lt;210&gt; 4057

&lt;211&gt; 1509

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4057

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&lt;210&gt; 4058

&lt;211&gt; 1575

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4058

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&lt;210&gt; 4059

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4059

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 <213> *Enterobacter cloacae*

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<210> 4061  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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<210> 4062  
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## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4062

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## &lt;210&gt; 4063

## &lt;211&gt; 1398

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4063

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&lt;210&gt; 4064

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4064

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&lt;210&gt; 4065

&lt;211&gt; 1611

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4065

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&lt;210&gt; 4066

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4066

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&lt;210&gt; 4067

&lt;211&gt; 1245

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4067

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 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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<210> 4071  
 <211> 717  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4072

<211> 1575

<212> DNA

<213> Enterobacter cloacae

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<210> 4073

<211> 1326

<212> DNA

<213> Enterobacter cloacae

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&lt;210&gt; 4074

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4074

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&lt;210&gt; 4075

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4075

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&lt;210&gt; 4076

&lt;211&gt; 2064

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4076

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&lt;210&gt; 4077

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4077

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519

<210> 4078

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 4078

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<210> 4079

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 4079

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actcagcagt	atatggaagc	gatgggcgtg	ccgggggttc	tgctgccact	gaccattctg	180
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gtgaactccc	tgatgttcat	gaaaaacctg	accatcgccg	gtggcttcct	gctgctggct	360
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<210> 4080

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 4080

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<210> 4081

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 4081  
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cggcagaaaa ttctgctggt ctgtaaaaaca ccggctgatt ttttaacgct ggtcgagggc 300  
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<210> 4082

<211> 1176

<212> DNA

<213> Enterobacter cloacae

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<210> 4083

<211> 1146

<212> DNA

<213> Enterobacter cloacae

<400> 4083  
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tttctgacgc cactgtttgc caagcccgat ctgcggatcg ttctgaccgg cgcggttacg 180  
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&lt;210&gt; 4084

&lt;211&gt; 885

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (613)

&lt;400&gt; 4084

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&lt;210&gt; 4085

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4085

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gaaaac						546

&lt;210&gt; 4086

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4086

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<210> 4087

<211> 999

<212> DNA

<213> *Enterobacter cloacae*

<400> 4087

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<210> 4088

<211> 810

<212> DNA

<213> *Enterobacter cloacae*

<400> 4088

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<210> 4089

<211> 663

<212> DNA

<213> *Enterobacter cloacae*

<400> 4089

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&lt;210&gt; 4090

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4090

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&lt;210&gt; 4091

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4091

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&lt;210&gt; 4092

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4092

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&lt;210&gt; 4093

&lt;211&gt; 471

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4093

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&lt;210&gt; 4094

&lt;211&gt; 1842

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4094

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&lt;210&gt; 4095

&lt;211&gt; 996

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4095

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&lt;210&gt; 4096

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4096

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&lt;210&gt; 4097

&lt;211&gt; 1311

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4097

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&lt;211&gt; 822

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4099

<211> 1617

<212> DNA

<213> *Enterobacter cloacae*

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<210> 4100

<211> 513

<212> DNA

<213> *Enterobacter cloacae*

<400> 4100  
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 gccaatcaac gcagacaaaa acgacttcag cggattctgc gccatcatgc tgccgagaca 180  
 ggcgatggcg aacaccatca gggcaaaaata ctccggccgga ccaaacgcca gcgaccactg 240

ggccagcgcc	ggggcgaaga	ggatgatgcc	gccaatggcg	atcagggagc	caaagaacga	300
gctgacggcg	gaaatagaga	gcgccacgcc	gccgcgtccc	tgctgcgcca	ttggatagcc	360
atccagcgcg	gtcataatgg	cggcggcatc	gccgggcacg	ttaagcagaa	tcgaggaaat	420
acgcccccg	tattcgcagc	cgatataaac	cgtcgccagc	aggatcagcg	ccgattccgc	480
aggcaggtgc	agcgcgaaag	ccagcgcgac	taa			513

&lt;210&gt; 4101

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4101

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ctcttactgg	cggaagataa	tcgtgagctg	gctcactggc	tggaaaaagc	gctgggtacaa	120
aacggatttg	ccgtggattg	cgtcaacgat	ggacggggcg	ccgatcatct	tttgcaggga	180
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&lt;210&gt; 4102

&lt;211&gt; 366

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4102

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atataa						366

&lt;210&gt; 4103

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4103

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gccggtttct	aa					672

&lt;210&gt; 4104

&lt;211&gt; 1371

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4104

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&lt;210&gt; 4105

&lt;211&gt; 444

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4105

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agtatctcta	atcgtcagca	gtaa				444

&lt;210&gt; 4106

&lt;211&gt; 690

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4106

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<210> 4107  
 <211> 1356  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4107  
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 aaagagtctg gcctgaaagg ccgcgggtgg gcgggcttct ccaccgggtct gaagtggagc 240  
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<210> 4108  
 <211> 2760  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 4109

&lt;211&gt; 1851

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4109

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&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4114

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4115

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&lt;211&gt; 1221

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;211&gt; 2637

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4117

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<210> 4118  
 <211> 2871  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4118  
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 aatttgagct cggatcaggc tcagcgcctat atccagcgta cgtctgacgt gatgaaagag 240  
 ctttaagtata ttgctgagaa tcgactgacg gcggagaacg gcattcttgc catccgcggt 300  
 cgggatgaaa aaaccgaagt gcctgatttc gaaccgctct tcccggattc cgattgttcc 360  
 gccatgggca aagcctggcg tggttcactg gagtccctgt catggtttat gcgctactgg 420  
 cgcgataact tctcggccgc ttacgatctg aaccgcgtct atctgattag caacgaaaat 480  
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<210> 4119  
 <211> 537  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4119  
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 tacgaagacc cgcgtgcggc gtccattgaa gcgctgaaaa tcgtacagaa acagcgtggt 180  
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 gtagaaggcg tagccacgtt ctacagccag atcttccgtc agccggtagg ccgccatgtg 300  
 atccgctact gtgacagcgt ggtctgccac atcaccggtt atcagggcat tcaggctgcg 360  
 attgagaaga aactcaatat taagcctggc cagaccacgt tcgacggacg ttttactctg 420  
 ctgccaacct gctgcctggg taactgcgac aagggggcga ccatgatgat tgatgaggac 480  
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<210> 4120

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 4120

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 gtattaaaga tgccgcgcgg gacgcaagct tccgcattcg cggccagaaa ctggcgcgctg 180  
 agccgcaccg ctacagcggg cgtaccgcga tgcgcgcca catcagcgtg cacgaaccgc 240  
 gtcagccgca ggataaagac accatgttcg ccttctcgat ggaagggaaac aaccagccgt 300  
 ctgcgcgcgg ttcgcaaata ccggttgcat gggcacccgg ctggaactcc ccgcaggcat 360  
 ggaacaaatt ccaggctgaa gtgggcggctc acctgcgcca cggcgatcca ggcgtgcgtc 420  
 tga 423

<210> 4121

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 4121

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 gaattattgg taggtttcgg caccaggtta cgcagtatct ggatgatcgg cctgcatgcg 180  
 tttgccaaac gcgaaacccg gatgtaccgg gaagagccgg tatatctgcc gccgcgctac 240  
 cgtggacgta tcgtgctgac gcgcgacccg gacggttcgg agcgttgctg tgccgtgtaac 300  
 ctgtgtgcgg tagcgtgtcc ggtgggctgt atctctctgc aaaaagcaga gacggtagac 360  
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 tacaagcgtc aggacctggt gtacgagaaa gaggatctgc tgatttccgg tccgggcaaa 540  
 taccgggaat ataacttcta ccggatggcg ggtatggcaa tcgacggcaa agataagggc 600  
 gaagcagaga acgaagccaa gcctatcgac gtcaagagcc tgttaccgta a 651

<210> 4122

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 4122

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 ctgcgtgcga ttttattcgt tctgggctta accggtctgg ttatccgccc caatctgctg 120  
 tttatgctga tcggtctgga aatcatgatc aacgcttccg cgtggcctt tgtggctgcc 180  
 ggcagctact ggggcccagac cgatggtcag gtgatgtaca ttctcgccat cagcctcgcg 240  
 gctgctgaag cgagtattgg cctggcgctg ttgctacage tccatcgctc ccgccagaac 300  
 ctgaacatcg attcagtaag tgagttgcgt ggatga 336

<210> 4123

<211> 498

<212> DNA

<213> Enterobacter cloacae



<400> 4123  
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 agcgaactga ccgtgcagtc actctacgcc ctgctcaaac tgcgctgtga agtcttcgtg 120  
 gttgaacaaa cctgcccgtg taacgagctg gtggcgtatg cgaggattct gaaaagcgaa 180  
 cacatcctcg gctggcgcga taacgagctg gtggcgtatg cgaggattct gaaaagcgaa 240  
 gaggaatttg accctgtcgt cattggggcg gtcattatca gtggccgcgc gcgcggtgaa 300  
 aagctgggct atcagctgat ggaaaaaacg ctggacgcat gccagaaaca gtggccggac 360  
 aaggcgttat acctggggcg gcaggcgcat ttgcaatcat tctatggcca ttttggtttt 420  
 accccggtca cggacattta cgacgaagac ggcattccac acatcggcat ggcacgcgaa 480  
 gcgaaacagg cgcaatag 498

<210> 4124

<211> 207

<212> DNA

<213> Enterobacter cloacae

<400> 4124  
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 gtgaagccgg gctggcgcac cgtatccgca aatatcttcc cgagcaggga caactttttg 180  
 tcggtaacag cctggtggtg cgcctga 207

<210> 4125

<211> 969

<212> DNA

<213> Enterobacter cloacae

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 cctgatgaac acatgcttta cgcgccggtt gaatggcagg actgctccga aggctacacc 180  
 gacattcgtt accacaaatc cgccgatggt atcgccaaaa tcaccatcaa ccgtccacag 240  
 gtgcgcaacg cgtttcgtcc gttgaccgta aaagagatga tccaggcgct ggcggatgcc 300  
 cgctatgacg aactgtcgg cgtcatcatc ctcaccgggg aaggggagaa agccttctgc 360  
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 caccacctga acgtgctgga tttccagcgc cagatccgca cctgtccaaa accggtggtc 480  
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 gcgggccttc aggagctggc aggtaacgcc accatgctgt tctatatgac cgaagagggt 900  
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 aaccgtaaa 969

<210> 4126

<211> 1191

<212> DNA

<213> Enterobacter cloacae

<400> 4126  
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 gctgctggtt gttgtgatga tcggcgagaa acgtcaccac gcggaagtgc tggcgctcgc 120  
 tcaataagga gcattgcgat gaaattaact ccattaacca ccggcctgct gctggcaggc 180  
 ctgatgactg gctctgccct ggccggccgat aaaatcggtt tcgcccaccg cggtgccagc 240  
 ggctatctgc cggagcatac gctgccggcg aaagcgatgg cttatgccca gggcgaggat 300  
 tacctggagc aggatctggt gatgacgaag gacgaccagc tggtcgtcct gcatgaccac 360  
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&lt;210&gt; 4127

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4127

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gaccatccga	ttgtactggt	cggatttcgc	aaatcacttg	aacagatcga	gtgggtgaat	180
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agcgcaacgg	acaaagactg	a				741

&lt;210&gt; 4128

&lt;211&gt; 2328

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4128

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&lt;210&gt; 4129

&lt;211&gt; 1221

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4129

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&lt;210&gt; 4130

&lt;211&gt; 1530

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4130

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&lt;210&gt; 4131

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4131

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&lt;210&gt; 4132

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4132

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744

<210> 4133

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 4133

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<210> 4134

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 4134

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<210> 4135

<211> 1659

<212> DNA

<213> Enterobacter cloacae

<400> 4135

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<210> 4136

<211> 1320  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4137  
 <211> 1032  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4138  
 <211> 546  
 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 4139

&lt;211&gt; 1053

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4139

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&lt;210&gt; 4140

&lt;211&gt; 1095

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4140

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&lt;210&gt; 4141

<211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4141  
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 ctggtcgag gccaggtgga ctggctgacc gaaccgctgg cctttatcag tgaaggggaa 240  
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<210> 4142  
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 <212> DNA  
 <213> Enterobacter cloacae

<400> 4142  
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<210> 4143  
 <211> 984  
 <212> DNA  
 <213> Enterobacter cloacae

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aaagcctttg	gtctggcgaa	ataa				984

&lt;210&gt; 4144

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4144

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&lt;210&gt; 4145

&lt;211&gt; 348

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4145

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&lt;210&gt; 4146

&lt;211&gt; 2463

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4146

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&lt;210&gt; 4147

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4147

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&lt;210&gt; 4148

&lt;211&gt; 1149

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4148

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1149

&lt;210&gt; 4149

&lt;211&gt; 966

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4149

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&lt;210&gt; 4150

&lt;211&gt; 894

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4150

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&lt;210&gt; 4151

&lt;211&gt; 495

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4151

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<211> 807

<212> DNA

<213> Enterobacter cloacae

<400> 4152

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<210> 4153

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 4153

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acgctagcag	gttaa					975

<210> 4154

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 4154

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gcccagggtc	tggatgatc	cgtgagcctt	gacccgcccg	aagccaacga	gctttccagc	180
atccagaccg	tgccaagcct	gtaccagcgt	ctggtagcgc	cggaccgcga	taatccggaa	240
aaaatcacgc	cggttctggc	agaaaagctgg	gacgcggacg	cggcagcaaa	aaccctgacc	300
atcaagctta	aaccgatgc	gaaattctcc	tccggcaacc	cgctgcgccc	ggaagacgtg	360
atcttctctt	ataccgcgcg	cgtgacgctg	aacaaatccc	cggcgtttat	cctcaacgta	420

ctgggctggg	acgccagcaa	catcgccagc	cagctaaaga	aagtggacga	ccataccctc	480
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attgcctcca	tcgtcgatga	aaaacaggtt	gcggcgaacg	tgaaggatga	cgacttcggc	600
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ccgcatcagg	ccatcggtgt	ggaagccaac	gaatccgcgc	ccggcggcgc	gccgaagctt	720
aaaagcatca	tcattaaaaa	cgtccccgat	cccgtttccc	gccgcctgct	gatccagcag	780
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&lt;210&gt; 4155

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4155

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gctgccgatg	cgggcaggcg	ttaccgcgat	cagctttccg	gcggacagcg	tcagcgcgtg	600
gccattgccc	gcgcgctgct	gctgcgcccg	cagcttctgc	tgctggatga	accgacctcg	660
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&lt;210&gt; 4156

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4156

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tggatattca	gacgagccgt	tatgcgtttt	taa			273

&lt;210&gt; 4157

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4157

accataaggt	cttttcagga	tttcctttaa	tggagtttta	aacaaatggc	tattcccgct	60
tatttatggc	ttaaagatga	cggcggcgct	gatataaaag	gctctgtcga	tatatatgga	120
cgtgaaggta	gcacgcagat	tatcgcccta	aatcacggca	taatgcagcc	cacggacaag	180
cataacggca	aggcgacaag	tcttcgcatc	cattccccct	attccttcga	taaagagatc	240
gacgcttcca	gcccctatct	gtacaaggct	gtagcacagg	gccagaagct	aaaatccgca	300
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&lt;210&gt; 4158

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4158

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&lt;210&gt; 4159

&lt;211&gt; 663

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4159

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taa						663

&lt;210&gt; 4160

&lt;211&gt; 1452

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4160

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&lt;210&gt; 4161

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4161

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aaaagcagca	ttctggaaaa	gatcggaatt	ggctgcacgc	tcaccgggct	ggcgatcatc	420
gccttttaa						429

&lt;210&gt; 4162

&lt;211&gt; 879

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4162

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ctgggtgctta	tttccctggt	cgcgccgtgg	cttgccgcgc	aggatcccaa	ctggcaggac	180
gccgcccgcg	gtctgcaacc	gcccacacgc	cagcactggc	tgggtactga	cagctatggg	240
cgggatctgc	tctcccgcgt	aatctacggc	acccgtccgc	caactggggc	ggtggcctta	300
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gatggcctgc	gcgacgtact	ggagccacag	catgactga			879

&lt;210&gt; 4163

&lt;211&gt; 1140

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4163

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## &lt;210&gt; 4164

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4164

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cgcgcgtggg	tttcaactggc	gtcgttaa				267

## &lt;210&gt; 4165

&lt;211&gt; 2181

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4165

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gtggcgctgt	gcgcaagcga	tacggcgctg	ttctacggga	ttggccggac	ggtgacggcg	2160
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&lt;210&gt; 4166

&lt;211&gt; 579

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4166

aagacatggt	cccggaaactg	catgaactgt	gtcgtcgttc	gatccgcccc	gtgtttatgt	60
ctgacgagtt	taagaccttc	ggtgatgcaa	tgtttcttct	gctggctgaa	accaccatgg	120
agtttgccgc	ccgcgatccg	tcccgtgccg	tcgattttta	agcgtctggc	tttgaagcca	180
tgtggcgcg	gcttgctgag	gaagataacc	atggacagta	aatccttgca	ggaacatgcc	240
agacgcgtcg	cgctggagat	gcctttttacc	gaacattgct	ggccggtttg	cccggagtat	300
gacgtgttta	aggtggggcg	gaaaattttt	atgctgatgg	cgaccgcaca	cggtcggggc	360
cacgtcagcc	tgaatccga	tccggaaaaa	tcgtctgtca	atcagcagat	ctaccgtggc	420
gtggagcccg	gttaccatct	gaataaaaaa	cactggatct	ccctttatgg	cacggacgac	480
atcacgcctg	aactgggtcac	cgacctgatt	acggattcgt	ggaatctggt	cgttgataaa	540
ctgccgaaaa	aagatcagaa	gtggattcgc	ccagcctga			579

&lt;210&gt; 4167

&lt;211&gt; 774

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4167

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&lt;210&gt; 4168

&lt;211&gt; 1302

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4168

atttgcataa	tagatccgca	gccgccatta	tggggctgca	tcaatacagg	agacgttatg	60
------------	------------	------------	------------	------------	------------	----

caggaattaa	ttgctcaggt	tgaagagtta	gggattgaaa	ttaatcacac	cacctcttta	120
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aacctgtgga	atcagcagaa	cggcgaaggg	gaatcggtat	taaacctgcg	caagatgacc	1020
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&lt;210&gt; 4169

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4169

cgctgctgt	tttctgttt	acttcacctt	cacactgtcc	tgcggtatcc	cggccgcctg	60
gaggctggaa	gtgaacagga	cgacggagtg	acagcgccag	agcagacagg	ttttccctcg	120
tgctgagcgc	acatctcaca	cgacattaca	ggcattaagc	ttgaacctat	tgctgccttc	180
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gaactcgtgg	aacctgocct	gttcttttca	ctctcagacc	cggtaacgtc	gaggggtgag	480
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aaaattgctg	cgaatgtgct	tattgaaggc	attgaaacag	aacgggaccg	tacatgcgcg	720
cttcatgctg	gcgcgcgctt	cggtcagggg	tattattggc	catcctggag	atggcaggag	780
gactga						786

&lt;210&gt; 4170

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4170

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ctgtttacca	ccaatacctt	tgccgctgaa	ctgctgacga	aaaacgagtt	tgagaaagtt	120
gaatcacagt	atgaaaaaat	cggtaccgtg	agcacggcta	acgaagtctc	tgctgcagat	180
gcgaaaaaag	agctggtcga	aaaggccgat	aaagaagggtg	ctgatgtact	ggtgctgact	240
tccggttaata	caaacaacaa	aattcacggc	accgccgata	tttacaagaa	aaaataa	297

&lt;210&gt; 4171

&lt;211&gt; 1986

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4171

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cgccgttttc	tccagatggg	ggccgtagcg	ggggctgccg	tatcattccc	gtatctgac	180
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ctcaaccgcg	tggaaaaacg	ctacggcatc	agcgacagcg	atgaatcgta	ccgctggaac	900
gaggtggatg	agcggttcag	cgttgataaa	acccctaacc	aaccaaccg	tttcggctgg	960
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aacgggcgtc	cgcgatcgtc	aacgggtggtg	attaccaaa	cggacggcg	gatcatcggg	1980
tcgtga						1986

&lt;210&gt; 4172

&lt;211&gt; 1392

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4172

ggcgtgaaag	acgcgctcatc	cgcttcaggc	catggtagcg	ctgaagcctc	gtcggatcag	60
aatccgacgc	tgcaacgtgg	tttgcaaaat	cgacatattc	agttaattgc	ccttggcggc	120
gcaatcggtg	ccgggctctt	tctcggcate	ggccccgcta	ttcagatggc	cggtccggcg	180
gtgctgctgg	gttacggtat	cgccgggatt	atcgcttcc	tgatcatgcg	ccagctcggc	240
gagatggctg	ttgaagagcc	ggtgtccggc	tccttcgcac	actttgccta	taaatactgg	300
gggcccgttcg	cagggtttcct	ctccggctgg	aactactggg	tgatgttcgt	gctggtcggg	360
atggccgagc	tgaccgcgcg	cgcatctat	atgcagta	ggctcccggg	cgtgccaacg	420
tggattttggg	ccgcggccctt	cttcatcacc	attaacgcgc	ttaaccttgt	gaacgtccgc	480
ctgtatggcg	agaccgagtt	ctggttcgcg	ctgatcaagg	tgctggcgat	tatcggcattg	540
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gtgctgatca	actatctgct	gccgaaagag	gcgtttggcg	tgctgatggc	gctggttgtc	1140
gccacgctgc	tgcttaactg	gatcatgac	tgccctggcg	acctgcgctt	ccgcgcggcg	1200

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ctgtcagcga	tgctgctgcc	gggtgtgggtg	gtgttcctgt	ttattgcatt	taagctctcg	1380
cgcaaaaagt	ag					1392

&lt;210&gt; 4173

&lt;211&gt; 1296

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4173

tcgattactt	tttatttgaa	ctgttttgta	atcgattact	ttttccgggt	gaggcttata	60
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ctgtcgtga	tgatgtttct	gcaatttttt	atctggggta	gctggctcgt	cacgcttggc	180
ctggtgatga	cccggcacia	catgtctttg	ctgattggcg	acgcgttctc	tgccgggccc	240
atcgcttcca	ttctttcgcc	gttcgtgctc	gggatgctgg	tggaaccgct	cttcgcctcg	300
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gcgtgggtca	cattctggtg	gataccggcg	gtggctgcgc	cggcgatcgc	gctgattttc	1260
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&lt;210&gt; 4174

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4174

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tataaggcgg	tgagatccc	ctgcaaccat	ccgcacatct	ttgacgtcga	gaaagccgca	180
gagagccagg	cctactgcga	cgacatcacc	gccaggctgg	ccgcacacgg	gctggttata	240
agcgagctgt	cgacccatct	ggaaggggcag	ctcgtggcgg	tgaatccggt	ttacagcgag	300
gcgtttgacc	acttcgcacc	cgccggccgtg	cgcggtaacg	aggcggcgcg	ccgggcgtgg	360
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tacgacccga	gccatatgct	gcttcagcag	atggactata	tggcctttat	cgatatcttc	720
cacgcgcgca	ttaaagcggt	ccacgtgaag	gacgcggagt	tccgccccag	cgggcgcgac	780
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agcgaattta	tccgcccggc	cattattccc	gtttccggac	gggcgtttga	tgatttcgcc	1020
gcaggggggt	gccatgatta	a				1041

&lt;210&gt; 4175

&lt;211&gt; 420

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4175

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ctacaccagc	cgttacgcat	cgaagagatt	gcccgccatg	cgggttactc	aaaatggcat	180
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aagctgctga	tggcgggcgcg	cgatctgctg	gagtcagacg	agcgcggtga	cgatatctgc	300
ctgcgctacg	ggtttgactc	gcagcagacg	tttaccgcga	tctttaccgcg	catctttacc	360
cgcaccttca	accagccgcc	cggggcgctac	cgcaaagaaa	accacgggtcg	ggcgactga	420

&lt;210&gt; 4176

&lt;211&gt; 2721

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4176

aggaaaaata	ccatgaccaa	aaaaaatttc	tcgcagaata	tgccaccgcg	aggcgggcag	60
gcgtaccagc	agaccgtaga	gcagggtgctt	gctcaggcgc	agagccaggc	taatggcctg	120
gaccgcgccg	aggcgccaggc	acgttttgca	aaacatggcc	cgaacgcgct	gccggagaaa	180
aaaggcaagc	cgggctggct	gcgttttctc	gcgcatttta	acgatgtcct	gatttacgtc	240
ctgctggcag	ccgccgtatt	aacggcagta	atgggacact	gggttgatac	gctggttatt	300
ctgggcgtgg	cggtaatcaa	tgccttaatt	ggccacattc	aggaaagtaa	cgcggaaaaa	360
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&lt;210&gt; 4177

&lt;211&gt; 1092

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4177

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&lt;210&gt; 4178

&lt;211&gt; 3165

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4178

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&lt;210&gt; 4179

&lt;211&gt; 306

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4179

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gggtga						306

&lt;210&gt; 4180

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4180

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tga						723

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 <211> 804  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 <212> DNA  
 <213> *Enterobacter cloacae*

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 <212> DNA  
 <213> *Enterobacter cloacae*

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 aaaaagccga tctcaaccgc ctggaaaaac gctacggcat cagcgacagc gatgaatcgt 180  
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<210> 4184  
 <211> 1245  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4184



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&lt;210&gt; 4185

&lt;211&gt; 1020

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4185

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gacgcgcccc	cggaaagggt	gatgatggac	tggcgcttta	tttcccgcgc	cagcacctga	1020

&lt;210&gt; 4186

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4186

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gaactgttaa	gcgattcaga	agttcaggct	tcctttgatg	cagaagagcg	caaggaacgc	120
ctgcgggaga	tgtctggcga	atggcgcaat	catgctgggtc	tgacgcgcgc	ccaggtggcg	180
gagcggatgg	gcgtcagcgc	accgacggta	tcacgaatgg	aagcaaatat	taccggggcg	240
agtctcgata	cattaacgcg	ttatgcgctg	gtgtgcgggg	taaagcatcc	gcagataacg	300
ctttactga						309

&lt;210&gt; 4187

&lt;211&gt; 1632

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4187

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gcaacgtgcg	agcagacgtc	ccggcagggc	gatattcagg	gaaagtttga	tgccagcggc	180
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cacgactacg	cggcctggtg	tgaagcgcgt	atccacggga	tgcgcgatct	cactggctta	1620
cgacgccagt	ga					1632

&lt;210&gt; 4188

&lt;211&gt; 894

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4188

cccattgtctg	actatccaac	cattgcgctg	acaggaccgc	gtgcgattgg	gaccaccatc	60
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gaactgcgcc	tgcgtcatga	tgagggtgaa	attgtggtgc	ccggtccggt	actcaccgat	180
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caaaacggcg	tggagcagaa	agcccagctt	gcgccttttg	ttaatggcgc	aacggtactg	360
ccctcggtgg	tctggttccc	tgcccagcgc	gagccggatg	cctccgtctg	gctgcgcgcc	420
aaaccgcgcc	tgacgctgcc	ggacgtgccg	caggcgcagc	gggtggtcga	agcgcttcgt	480
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&lt;210&gt; 4189

&lt;211&gt; 1779

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4189

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cgtcagtggg	cgacacggcg	cgatatgggt	gtcggccagc	tggaaagcgca	gggtgtgaag	180
caggtgttcg	gcataccggg	cgcaaaaatc	gacaaggctc	ttgactccct	gctggactcc	240
tccatcgaga	ttatcccggg	gcgtcacgag	gcgaacgcgg	cgtttatggc	ggcagcggtg	300
gggcggctaa	ccggcaaggc	cggggtcgcg	ctgggtcacat	ccgggcccggg	ctgctccaac	360
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gcggtgaagc	gggcagataa	agcgaagctg	gtgcaccaga	gcacgggatac	cgctgccatg	480
ttcagcccgg	tgaccaaata	cgccgtggag	gtcaattcgc	ctgacgcgat	tgccgaggtg	540
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ccgcaggata	ttgtcgacca	gcccaccacg	ggggcgatgt	tacccgccag	caccgcggcg	660
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gcaatggatg	tcgatggccc	ggccgtgggt	gccattcccg	tcgactacag	cgataaccgc	1740
ctgctgatgg	gccagctcca	tctcagccag	attttgtga			1779

&lt;210&gt; 4190

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4190

cccagaccgc	cgcgccggat	ctcgcgccgc	tggggatcac	cgttaacgcc	tattgcccg	60
gcatcgtcaa	aacgcggatg	tgggcggaaa	tcgaccgtca	agtctccgag	gcggcggtga	120
aaccgcttgg	ctacgggacg	gaaacctttg	ccaacgcgat	tacgcttggc	cgtttgcgcg	180
agccggaaga	cgtggccgcc	tgctctctct	acctcgccgg	gccggattcc	gactacatga	240

&lt;210&gt; 4191

&lt;211&gt; 765

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4191

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gtcaccgcgc	tgcccgaaat	caatcaacat	ggtcaaaccg	ttaacgatat	tgtcccggac	120
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gacggcgaa	ggccgcagcg	cgatgcagag	ctgcgcgcct	ggctggcggc	ggagaatttt	720
gacggggaag	ggcggcagggt	caggcggctt	gaggaatttc	gctag		765

<210> 4192  
 <211> 2193  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4192  
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 gtaaccact cgcgttttgc ggcggatgag aaaaaagagg acaccatcgt cgtccagtcc 120  
 acggcgggga gtgatttcaa acccggcggc gaccagctgg tgcccgcctt ccttgacggg 180  
 caggtggcga acggcgggcg catgggtatg ctcggtcagc agaacgccat ggacgtgccg 240  
 ttcaacatca tcagctacac ctcgaaagctg gtggaagatc agcaggcaaa aaccattgct 300  
 gacgtggttg ccaacgacgc gggcgtgcag ttcgttcagg gttacggcaa cagcgcggaa 360  
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 ggggtgctgc cgcgtcaggt ggtggatgcc cagatggtcg accgcatcga gatcttcaaa 480  
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 aaaatgccgt cggcgatcct tgacgacagc ggtcactacg gcctggatgc agaacagcgt 1740  
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<210> 4193  
 <211> 489  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4193  
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 gatctgatta agaaagatgc ggcggtgacc ttcgagccaa ccaccaacag caaaggcctt 180  
 tccgcgtatg cgggtgaaggat gatccccgaa agtaagcacc tctatattgc aggcgagcgc 240  
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 aaaaatcgaca aagagaacgc ggtgctgctg gtggggctgc tgatgaacag catcaaacca 360  
 aaaaccgaga aaaagccggg cgaaatgcgc acggtgaaga agctggcgat cactaccttc 420  
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 ctgaagtaa 489

<210> 4194  
 <211> 930  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4194  
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 tgcataccccc agtccgcccgt atcacagcgt atcaaacagc ttgaaaacat gttcgggcag 180  
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 cagctcgcgc gtcagggcac gacctgctgc atgatccgc atttgcagat tgagaaagag 780  
 ttgaaaagtg gtgagctgat tgatttaacc ccggggctgt atcagcgccg gatgctctac 840  
 tggcaccgtt ttgccccgga aagccgcag atgcgcaacg tcaccgacgc gctgctggcg 900  
 tttgggcata aggtgttgag acaggattaa 930

<210> 4195  
 <211> 237  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4195  
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 ggcagcccgg cctgttttaa aatccgcgcc agctccagcg ccatcagcgg cgtggcttcg 120  
 gcgggcttga ggatcacgc gttcccgcg gcaatcgccg gtgcgacctt ctgcatttcg 180  
 ctggcaatcg gcgagttcca cggcgtgatg gccgccacca cgccaagggg ctcgtag 237

<210> 4196  
 <211> 369  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4196  
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 gcagcacgtt catgcccagc gaaaaggat tgggtgcgct gttgcgctcc agaaagccca 180  
 tgtactccag cgtctgcacc acgcgatagg cggctgcctt cggcatatcc accagccggt 240  
 gcagctcggc aaaagtcaga tcgcgatgct gctcgccaaa ggccaacagc agctgtaaac 300  
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 cttagttaa 369

<210> 4197  
 <211> 765  
 <212> DNA  
 <213> Enterobacter cloacae

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 gccagcggtg ttcacagttt ctctcaggcg aaaaccgcag gcgtaaagat taacgccgac 180  
 gtaccgggtg atttctactg cggctgtaaa attaaactgg agggtaagaa aggggtcgtg 240  
 gatctgggat cctgcggcta taaggctgcgc aagaacgaga accgcgccag ccgaatcgaa 300  
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 ggacgtaaaa attgcgcaaa agatccgggtc taccgccaga tggaaagcga tatgcacaac 420

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gccgaaccgc	ctgccccgcg	gcgcggtagc	atcgccccga	cttacttcta	tatgcgcgac	600
cgctacgatc	tcaatctttc	ccgccagcag	acgcagctct	tcaatgcctg	ggacaagctc	660
taccgcgtga	cggactggga	atgccagcgc	gacgaacgta	tcgccaaaagt	ccaggggaat	720
cacaaccctt	acgtccagcg	ggcttgccag	gcgcaaaaga	gctaa		765

&lt;210&gt; 4198

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4198

cacatggaat	ttctgactat	gcgcatccct	cgcattctatc	accctgaact	gattacccca	60
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acgcgcgccg	ataaaaaaag	cgtgcacgtg	aaggtgctgc	gtggcgacgt	ggacgaccgg	240
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accattcaga	aatccattga	actgggtgta	agcctcatta	cgccactttt	ttctgagcgc	360
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ccggaaggcg	gcctgtcggc	tgacgaaatt	gccatgacgg	cgcgttacca	gtttactgat	660
attctgttgg	gacctcgcgt	tctgcgcact	gagacaacgg	cactcaccgc	cattaccgcg	720
ctacaggtgc	gatttggcga	tctgggttga				750

&lt;210&gt; 4199

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4199

ccggagaaga	agatgattaa	gctcggcatc	gtgatggacc	ccatcgcaaa	cattaacatc	60
aagaaagact	ccagcttcgc	tatgctgctg	gaagcgcagc	gtcgcggcta	tgaactccac	120
tacatggaga	tgaacgatct	ttacctgatc	aacggtgaag	cccgcgcacg	caccgcgcatc	180
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ctggccgacc	tcaacgtcat	cctgatgcgt	aaagatccgc	cgttcgacac	cgaatacatt	300
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gcacagaact	atctgccagc	cattaaagac	ggcgacaagc	gtgtgctggt	cgtagacggc	660
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cgcgtcggcc	ctacgcttaa	agccaaaagg	ctgatcttcg	ttggcctcga	tatcatcggc	840
gatcgtctga	ccgaagtga	cgtcaccagc	ccaacctgca	ttcgtgaaat	cgaagcgga	900
ttcccgatct	cgatcaccgg	aatgctgatg	gacgctatcg	aaaaacgttt	acagaaataa	960

&lt;210&gt; 4200

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4200

ttacgcaccg	gatctttctc	ctgcgccgga	aaggatatga	ccaggcgcctc	gatcgcctgc	60
gccgcaccgc	gcgtgtgcag	cgtggccaac	accagatggc	cggtttccgc	cgccgtcagc	120
gccaggcgta	tcgtctcgct	gtcgcgcagc	tcaccaagca	gaatcacatc	cggatcttca	180
cgcagcgcgc	tgccgagggc	ctcggcaaag	gacgggctgt	gcaggcctat	ctcccgtcgc	240
tggatcaggc	aacgttcact	ctggtacata	aactccaccg	gatcttcaag	ggtcagaata	300

tgcccgtccg tctggtga

318

&lt;210&gt; 4201

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4201

tatgctgctg	ccggggctgt	ggatggcggt	atgagtgcag	ttagcccctg	cgccgacggg	60
ctggttttac	ggctgtacat	tcagccgaaa	gccagccgcg	acagtattgt	tgggctgcat	120
ggcgacgagc	taaaagtcgc	catcacggcc	ccgccggttg	acggccaggc	gaatgcgcat	180
ctgaccaa	atctggttaa	acagtttcgc	gtcgcataaa	gccaggtcat	cattgagaaa	240
ggtgaacttg	gccggcataa	acaggtaaaa	atccttaacc	cgcaatctat	cccgacggaa	300
gtcgcggctc	tgacagaaca	ggactaa				327

&lt;210&gt; 4202

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4202

accatgcaga	aagttgttct	cgccaccggt	aacgccggta	aagtgcgcga	gctggcctcg	60
ctattaaatg	atcttgggct	ggacgtgggtg	gctcagaccg	agctgggctg	ggactccgcc	120
gaagagaccg	gcctgacgtt	tatcgaaaac	gccattctga	aagcgcgcca	tgcggcgagc	180
gtaaccggac	tgcccgcat	tgccgatgat	tccggtctgg	ccgtggattt	tctgggcggt	240
gcgcggggga	tttactccgc	ccgctattcc	gggccggacg	ccaccgacca	gcagaaactg	300
gaaaagctgc	ttgtggccct	gaaagacgtt	cctgacgaac	agcgtaccgc	gcagttccac	360
tgctgtttgg	tctacatgcg	tcacgcggaa	gatccacgcg	cgattgtctg	tcacggcagc	420
tggccggggc	tgatcaccgc	tgaagcggcg	ggcaacggcg	gctttgggta	cgacccgatt	480
ttctttgtcc	cgaccgaggg	caaaaccgct	gcggaactca	cccgcgaaga	gaaaagcgcg	540
atctcccacc	gtggacgcgc	cctgaaactg	ttactggaag	cactgcgtaa	tggctaa	597

&lt;210&gt; 4203

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4203

gggaaaggct	ggcagagtgt	ggggatgcaa	acaatacgtt	catacgcaaa	gcagctcaga	60
cgcgagctga	cacaggaaga	aagacggctt	tggtatttac	tgcgagcccg	ccgtttcgaa	120
aattataaat	ttcgccgaca	gcacccggta	ggtaactaca	ttctggattt	cgccgtgtgc	180
gcggctcggc	tgcccggttg	gctggatggc	ggacaacatg	atgaaaatca	ggaatacgat	240
cgacaaagga	cattgtgggt	aaaccataag	gactggcacg	tcattcgatt	ctggaacaac	300
gaactctgga	ataacgaaga	ggcggtgtta	gaaaggatcc	ttgaaacgct	gcaagcgctg	360
caaccctcac	cccggccctc	tcctcta				387

&lt;210&gt; 4204

&lt;211&gt; 1071

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4204

ttaagcgaat	cgatgaccat	gcaagcctct	caattttcag	cccagggtgct	ggactggtac	60
gacaaatacg	ggcgtaaaac	cctgccctgg	caaattgaaa	aaacgccgta	caaagtatgg	120
ctctccgagg	tgatgttgca	acaaacgcag	gtcgcgacgg	tcattccctta	cttcgagcgt	180
tttatggcgc	gcttcccagc	agtcaccgat	ctggcgaacg	ccccgttggg	cgagggtgctg	240
cacctgtgga	ccgggcttgg	ctattacgcc	cgcgcgcgca	acctgcacaa	ggccgcacag	300
caggctcgca	cgcgccacaa	cggtaaattc	ccggaacact	tcgacgaggt	ggcggtattg	360
ccggcgctcg	gcgcgttcgac	cgcaggcgca	atcctctccc	tctctttagg	caaacatttc	420
cctattctcg	acggcaacgt	caagcgcgtg	ctcgcacgct	gctacgccgt	agatggctgg	480
ccgggtaaga	aagaggttga	gaaacgcctg	tgggagatca	gtgaagcggg	cactccggcg	540

aaaggggtg	agcggttttaa	ccaggcgatg	atggatctgg	gcgcgatgg	ctgtacccgt	600
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agccattttc	atctggacat	tgtgccgatg	tggcttcccg	tgtcctcatt	cacgtcgtgc	960
atggatgaag	gcaccgctct	ctggtataac	ttagcgcaac	cgccatcagt	cgggctggcg	1020
gctcccgtgg	agcgctgtt	acagcaatta	cgtgtcgggt	caatggttta	g	1071

&lt;210&gt; 4205

&lt;211&gt; 1260

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4205

acttcctggt	cgagggtaaa	gacgtccaca	tcgaaggcta	tacgccaccg	gaaaaataat	60
aacgcgcagc	tgctgcccgg	ctgcgctgcg	cttgacggg	cgtacggttt	tgtaggctcg	120
gtaagcgag	cgccaccggg	caacagcaac	cccaaagcaa	acacaacacg	cactcccggg	180
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atggggcagt	ttgcccacaa	catcgagaac	atatggggat	ttaacgaagt	tcttattgcc	360
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gatgccgatg	acatcaccat	ctccaaagag	ccgttctgt	atggccagg	cgttgaccag	600
accggtcagc	cgatccgctg	ggaaggccgc	gccacgaaat	ttgcgcgacta	tctgctgcaa	660
acgcgcctga	aaagccgtac	caacggcctg	aaagtgatct	acagcgtcac	catcaacctg	720
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ggcggggcga	gtagcgtgat	gcgcgtcttg	tcgaatgaca	aagtgcaggc	cgcgaacatc	1140
atcaacagca	tggcgccggg	ggatgtgtac	gataccctca	ccaccgcgca	cccgtgtgcg	1200
gaatcccgcg	gctatatgta	taagggtgaat	acggcgacga	agaactatcg	tcgccgttaa	1260

&lt;210&gt; 4206

&lt;211&gt; 1683

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4206

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cagatcaagc	tgtttatatt	gctggctgcc	tttttctcag	tgctgttcgc	attactgggc	120
ggatattatt	atgtcgatgt	cggcaggcag	ctttatcagg	aaatgagcgc	acgcgcaaaa	180
atacaggctg	aagaaattgc	gcttattcca	accctgcgaa	aagaagtcca	acaaaaggat	240
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cgcaaggggc	ggttaggcat	ttcactgcgc	agcaaagcgc	ccatttttaa	tgatgccggg	480
cagggtgggt	ggattgtttc	ggtaggctat	ctcacaagct	atctggacac	catcaccgtc	540
agcaagggtg	ttaatatcct	gattgccgcc	gtgctgctgc	ttatcgccct	gtttattttc	600
tcctggttct	tcaccgcgag	catcaagaag	cagatattct	ctctggagcc	gcgcgaaatc	660
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cgccagcccc	cccgcgaact	gcgggggtcaa	ctcatcagcc	aggatgatcg	gcccgtccc	840
ttcttcaacg	cgcaaacat	gcttgcgaaa	gacaccacgc	atgagatctg	tcgctttaac	900
gatctcacgg	tcattgccag	ccgggtgcgg	ataatgctgg	aagatgcatt	gcagggtcgg	960
gtgatcacct	ttcgcgatcg	caacgagatc	gactcgctca	gcgccagct	cagccagggtg	1020



aagcgctacg	ttgataacct	gcgcatcatg	cgccatgaac	agctgaaccg	catgactacg	1080
ctgtccggcc	tgtctcatat	gggccgttat	gacgaggcaa	tctgctacat	acaggcgag	1140
tcggaacacg	ctcaggagct	gctggacttt	atctcgtccc	gcttttagctc	tccgacgctg	1200
tgtggtttgc	tgcttggaag	ggccgcccgc	gcgcgtgaaa	aaggcggtga	gctgagtttc	1260
gatccggcct	gccgggtgga	taaaaccgttc	ctgccgctgc	tcgaatcgga	acttatctcg	1320
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gccccggtgg	acgtgctgat	aaagctgaac	gagcaggaac	tgattattga	agtcgccgac	1440
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aaaacgcgcg	gcgatcatgg	tattggcctg	tatctgattg	aaagctatgt	cacacaggct	1560
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cccgccacgg	gaacggcccc	gcaccccgta	caggaactgg	aagataccga	ctatgcaaca	1680
tga						1683

&lt;210&gt; 4207

&lt;211&gt; 639

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4207

gagatcttgt	cagcgatacc	gaacagggtcg	attgctgcc	gggtgtcacc	accgcctgcg	60
atagagaacg	cttcgctgtc	tgcgattgctg	ttagccacga	tctcagtcctc	tttgccggaag	120
ttcgggaatt	cgaacacgcg	gacaggaccg	ttccacagga	tagttttttgc	gtttttaagg	180
atttcagcca	gtttctgtgc	agaaaacgtcg	cccagggtcca	gaatctgctc	ttcatctttg	240
atgtcggtta	cagattttcag	ggttgccgga	gcagtttcg	agaactcggt	tgccacgcga	300
acgtcagttg	gaaccgggat	atcacaggta	cccagcagac	gtttggcttc	gtcaaccaga	360
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ttggtagaaa	ctttagaacc	accaacgata	gcgaccattg	gacgagcagg	ttcttttcagt	540
gctttaccga	gcgcttcag	ttcgtcagcc	agcagcggac	ctgcacaggc	gacgtctgctg	600
aatttaccga	taccgtgggt	agatgcctgc	gcacgggtga			639

&lt;210&gt; 4208

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4208

atattcctta	tacttagccc	gacaccggct	tctgtgacgg	tgcatttttc	ggaattaatt	60
cagattaacg	agtagcgaag	caacatcatg	aaaatgcgtg	caatcgggct	ggctgtggga	120
acaacgctcc	tgctaagcgg	ctgtcagaat	atggattcta	acggcctgat	gacctcaggc	180
gcagaagctt	ttcaggccta	ctcactgagc	gatgcgcagg	tgaagcgct	gagcgacgag	240
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cacccgccct	ccgttgaacg	cgcgacgcat	atccgtgacc	gcattggcggc	agacgggtatt	840
aaataa						846

&lt;210&gt; 4209

&lt;211&gt; 1314

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4209

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&lt;210&gt; 4210

&lt;211&gt; 696

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4210

tgtcaggccg	ccgatcaccg	gcgtaccggt	acccggtgcg	aatgccggat	ccaggcagtc	60
gatgtcgaag	gtcagataga	caggcatgtc	gccgacgac	tgcttaacct	gagccagaat	120
atcgtccacg	ccgcgatcgt	tcacctggcc	cgctcagagt	acggtgaagc	cgttgtcttt	180
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accgcgcga	ccggacgttg	ccatgtcgaa	cggtagccgc	gtgatcacc	agtccgcac	660
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&lt;210&gt; 4211

&lt;211&gt; 1425

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4211

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&lt;210&gt; 4212

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4212

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&lt;210&gt; 4213

&lt;211&gt; 420

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4213

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&lt;210&gt; 4214

&lt;211&gt; 717

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4214

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&lt;210&gt; 4215

&lt;211&gt; 585

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4215

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&lt;210&gt; 4216

&lt;211&gt; 1173

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4216

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&lt;210&gt; 4217

&lt;211&gt; 1344

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4217

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&lt;210&gt; 4218

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4218

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&lt;210&gt; 4219

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4219

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&lt;210&gt; 4220

&lt;211&gt; 693

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4220

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<210> 4221

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 4221

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<210> 4222

<211> 1158

<212> DNA

<213> Enterobacter cloacae

<400> 4222

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<210> 4223

<211> 570

<212> DNA

<213> Enterobacter cloacae

<400> 4223

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&lt;210&gt; 4224

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4224

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&lt;210&gt; 4225

&lt;211&gt; 381

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4225

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tatacgccac	cggaaaaata	a				381

&lt;210&gt; 4226

&lt;211&gt; 1389

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4226

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&lt;210&gt; 4227

&lt;211&gt; 1032

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4227

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&lt;210&gt; 4228

&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4228

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ttaa						903



<210> 4229  
 <211> 621  
 <212> DNA  
 <213> Enterobacter cloacae

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 gaggaactgc tggcggcgaa agagcgccgc gcagcccgcg aggtgactg gcttacgcac 180  
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 cgctggcagg tgctggaccg cctgggtgctc tggctaccca ccggacctga agcattgtgg 360  
 tgcgtcgcgc atccggcggc ggaaatcaaa gcgcaactgt cagaactgga gcagacgcac 420  
 ccgctcggca gactgtggga tctggacgtg atctgccctg aaaacggcct cgtgggcccgt 480  
 cagtcgctgg gttcacacct cagacgctgt ctgatttgag acgagcccgc ccacgcgtgt 540  
 tcccgttcgc gccaccatcc cgttgagcag gtgggttccc gcgtggagaa gatgatcgat 600  
 gactggtttg ctccgcgacta a 621

<210> 4230  
 <211> 771  
 <212> DNA  
 <213> Enterobacter cloacae

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 gtccgcccgc agggacgcct gacaaaaggg cagcaacacg cgctggacaa ctactggccg 180  
 gtgatgggag ttgatgtcag cgagcaaccg ctgcacttca ccgacctgtt tggccgcgac 240  
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 agcaacgact acgtaccgag tccggattca cgtccggtga caaaatttga acagcgtggc 720  
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<210> 4231  
 <211> 1998  
 <212> DNA  
 <213> Enterobacter cloacae

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 aagatgctgc gcacttacaa tattgcctgg tggggcaata actactacga cgttaacgag 180  
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&lt;210&gt; 4232

&lt;211&gt; 438

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4232

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gacggtaaag	agatcggcgt	ttacctgacg	gacggtgaat	attacgcgct	ggaggacgta	240
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&lt;210&gt; 4233

&lt;211&gt; 1116

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4233

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&lt;210&gt; 4234

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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4235  
 <211> 780  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4236  
 <211> 1185  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4236  
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1185

<210> 4237

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 4237

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<210> 4238

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 4238

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ggcccgacac	ttgtcacttc	aggcacggca	agcgtggatg	cggtaaccga	tgttgcaacc	180
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<210> 4239

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 4239

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<210> 4240

<211> 600

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4240

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&lt;210&gt; 4241

&lt;211&gt; 1668

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4241

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&lt;210&gt; 4242

&lt;211&gt; 807

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4242

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&lt;210&gt; 4243

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4243

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&lt;210&gt; 4244

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4244

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tcacctctca	ttgcgttgaa	aacgctgctg	gaaatttttc	ctgacgacgc	tggcaacctg	180
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taa						243

&lt;210&gt; 4245

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4245

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&lt;210&gt; 4246

&lt;211&gt; 1227

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4247

<211> 987

<212> DNA

<213> Enterobacter cloacae

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<210> 4248

<211> 780

<212> DNA

<213> Enterobacter cloacae

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&lt;210&gt; 4249

&lt;211&gt; 1479

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4249

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&lt;210&gt; 4250

&lt;211&gt; 2184

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4250

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&lt;210&gt; 4251

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4251

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&lt;210&gt; 4252

&lt;211&gt; 696

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4252

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 <213> *Enterobacter cloacae*

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<210> 4254  
 <211> 1122  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4254  
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<210> 4255  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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&lt;210&gt; 4256

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4256

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&lt;210&gt; 4257

&lt;211&gt; 771

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4257

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&lt;210&gt; 4258

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4258

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&lt;210&gt; 4259

&lt;211&gt; 771

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4259

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&lt;210&gt; 4260

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4260

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&lt;210&gt; 4261

&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4261

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&lt;210&gt; 4262

&lt;211&gt; 1278

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4262

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&lt;210&gt; 4263

&lt;211&gt; 1644

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4263

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&lt;210&gt; 4264

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4264

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&lt;210&gt; 4265

&lt;211&gt; 1179

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4265

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&lt;210&gt; 4266

&lt;211&gt; 1932

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4266

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&lt;210&gt; 4267

&lt;211&gt; 1044

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4267

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&lt;210&gt; 4268

&lt;211&gt; 1614

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4268

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&lt;210&gt; 4269

&lt;211&gt; 1584

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4269

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&lt;210&gt; 4270

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4270

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&lt;210&gt; 4271

&lt;211&gt; 1953

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4271

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&lt;210&gt; 4272

&lt;211&gt; 1776

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4272

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&lt;210&gt; 4273

&lt;211&gt; 525

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4274

<211> 1173

<212> DNA

<213> *Enterobacter cloacae*

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 aacctgatgg aacgcaaaga tgcccagttt ggtctggcaa cgatgtgtat cgggttgggt 1140  
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<210> 4275

<211> 1140

<212> DNA

<213> *Enterobacter cloacae*

<400> 4275  
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&lt;210&gt; 4276

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4276

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&lt;210&gt; 4277

&lt;211&gt; 1182

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4277

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&lt;210&gt; 4278

&lt;211&gt; 1398

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4278

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gcacgtccga	atatcgagtt	gctgccagag	ggccagttca	aatatcacgt	cgattttgaa	660
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atcccgcctg	tgatcgataa	cgccatggc	gtaccgttcc	cggggatcat	cttcagcgaa	840
gcgcgtccgc	tatggaaccc	gaatatcatc	ctctgcatga	gcctctccaa	gctgggcctg	900
ccgggcagcc	gttgcggcct	tatcattgct	aacgagaaaa	tcataccgcg	cattaccaac	960
atgaacggca	ttatcagcct	ttcgccctggc	ggcatcgcc	cggcgatgat	gtgcgagatg	1020
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cgcggttcagg	aaactatagc	catccttcgc	cgctacttac	cggaagaacg	ctgcctgatc	1140
cataaacggg	aaggggcaat	tttctgtgg	ctgtggttta	aggatctgcc	cattacgaca	1200
gagctgcttt	atcagcgtct	gaaaaaacgt	ggcgacttga	tgggtgccagg	ggattacttc	1260
ttcccggggc	tggataagcc	gtggccgcac	acgcaccagt	gcattgcgtat	gaactacgtc	1320
ccggaccggg	aaaaaatcga	agcggggtgtg	aaaattctcg	ccgaagagat	tgagaacgcc	1380
tggcgcgagg	ccggttaa					1398

&lt;210&gt; 4279

&lt;211&gt; 1017

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4279

aaaaacagga	gaacagggat	gaaagtgacc	ttcgaagagt	tgaaagcggc	gttcaatcgg	60
gttctgctcg	atcgcggtgt	aaaagcggat	accgctgacg	cctgcgccga	gatgttcgcc	120
cgcaccacgg	agtccggcgt	ttattcacac	ggcgtcaacc	gcttcccgcg	atttattcag	180
cagcttgacg	caggcgacat	catccctgac	gccagccga	aacgcgtaac	gacattaggc	240
gccatcgaac	agtgggatgc	gcagcggttc	atcggaacc	tgacggcgaa	gaagatgatg	300
gaccgtgcta	ctgagctggc	gtccgatcac	gggatcggcc	tgggtggcgct	gcgtaacgcg	360
aaccactgta	tgccggcgcg	cagctacggc	tggcagggcg	cggagaaaag	ctatatcggc	420
atctgctgga	ccaactctat	tgcctgatg	ccgcgtggg	gatcaaaaaga	atgctgcata	480
ggcaciaaacc	cgctgatcgt	cgctatcccc	tcgaatccaa	tcaccatggg	cgatatgtcg	540
atgtcgatgt	tctcctacgg	catgctggag	gtgaatcgcc	tggccggacg	cgaattaccg	600
gtcgacggcg	gctttgacga	tgaaggcaat	ctgaccagag	agccggggcg	gattgagaaa	660
aaccgtcgca	ttctgcccc	gggctactgg	aaaggttctg	gcttatcgat	tgtgctcgac	720
atgatcgcca	ccctgctctc	tgacggcgcg	tccgttgccg	aagtgaacca	ggacaacagc	780
gacgaatacg	gcgtatcgca	gatctttatc	gccgtcgaag	tggatcgcc	gatcgacggg	840
ccaaccgcg	atgccaaact	acagcgcac	atggacttca	tcaccaccgc	agaacgcgct	900
gatgaaaatg	tcgcggtccg	tctgcctgga	catgaattta	ctcgccctgct	ggaagaaaac	960
cgccgggacg	gcatacccat	cgacgacagc	gtgtgggcga	aaatccagtc	tctgtaa	1017

&lt;210&gt; 4280

&lt;211&gt; 1359

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4280

agaatacatt	ttccgggttac	cttcactgag	atattaacta	tgaatatattc	ttctaattgct	60
ctacacgcgg	acattccggc	tcaacgctgg	ctaaggatca	ttccccctat	tcttatcgcc	120
tgcattatct	cctatatgga	ccgcgtaaat	atagcttttg	cgatgcccg	cggtatggat	180
gaagagctgg	gcatttccgc	cacgatggcg	ggcctggcgg	gggggatctt	ttttatcgcc	240

tattttgttcc	tgcaagttcc	cggcggcaaa	attgccgtgc	acggcagcgg	taagaagttt	300
atcggctggt	cgctggttgc	ctgggcgggtg	atctcggttc	tgaccgggct	tgtgaccaac	360
cagtatcagc	tgctggtgct	gcgcttctta	ctcgggtgtg	cgggaaggcgg	gatgctgtcc	420
gttgtgctca	cgatgatcag	taactggttc	cgggatgccg	agcgcggccg	cgccaacgcg	480
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attaccgctc	tcgactggcg	ctggctgttc	attattgaag	gtctgatgtc	cgttgttgtg	600
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atcggcgcca	ttgcgggtat	gttcctgttc	tcttcactct	ctgaccgcac	cggcaagcgc	960
aagctgtttg	tctccctgcc	attgattggc	tttgcgctct	gcattgttct	ctccgtggcg	1020
ctgaaagagc	acacctgggt	ggcctatgcc	gcgctgggtg	gctgtggctt	cttcctgcaa	1080
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ggcgtcgcg	gcgtgatcaa	tgccctgggc	aacctcggcg	ggttctgcgg	tccttatgcg	1200
gtaggcgtac	tgatcacctt	gtacagcaaa	gacgcaggcg	tttactgcct	ggcgttttcg	1260
ctggcgctgg	catcgctgct	ggccctgctg	ttaccggcga	aatgcgatgc	cggagcagag	1320
cctaataccca	cggtgactcc	acataaacgt	gcggcctga			1359

&lt;210&gt; 4281

&lt;211&gt; 921

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4281

tccgcgcgag	gtggcacagg	cattccattc	gcaaataccg	gacatctggg	gagagtaacc	60
atgcgtcagc	atccggttag	cattttacga	aaagcgctgc	caaaagatct	ctcctggccg	120
gagcgcctgg	ttctggcaaa	aagctgcggc	ttcgattttg	tggagatgtc	ggtggatgag	180
accgacgagc	gtttatcgcg	ccttgaatgg	agtaccacgc	agcgcgcctc	tcttgtggaa	240
gcgatgctgg	agaccggcgt	ggccatcccg	tcgatgtgct	tatctgcccc	tcgtcgcttc	300
ccgtttggca	gccgcgatga	aatcgtgcgc	gaacgcgccc	gcgagatcat	gaccaaagcc	360
atccggctgg	cccgtgattt	gggtattcgc	accatccagc	ttgcgggtta	tgacgtgtac	420
tacgaggagc	acgacgaggg	cacgcaacag	cgctttgccg	aagggctggc	gtgggccgta	480
gagcaggctg	ccgcgcgcga	ggtaatgctg	gcggtagaga	tcattggacac	tcggtttatg	540
aactccatca	gcaagtggaa	aaagtgggac	gacatgctcg	cctcgccgtg	gttcagcgtt	600
taccgggacg	tcggcaacct	gagcgcgtgg	ggcaacgacg	tcaccgccga	gctgacgctg	660
ggcattgacc	gcacgcgcgc	tatccacctg	aaagataccc	ggcccgttac	cgagcaaagc	720
cccggacagt	tccegcagct	gcccgtttgg	gagggctgcg	tcgatttcgt	tggcgtgttt	780
aacacgctga	atcaacttaa	ttatcgcggc	gcatttctga	ttgaaatgtg	gaccgagaaa	840
gccaaagagc	cggtgctgga	gatcatccag	gcgcgcgcgt	ggattgaagc	ccgaatgcag	900
gaaggaggca	tgacatgtta	g				921

&lt;210&gt; 4282

&lt;211&gt; 1428

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4282

aaaaatcggt	tatcgaggag	ttaccccatg	acttccacac	cgattacaga	cgcagaagtt	60
gcaaaacagg	cagccgatga	acggctgtca	gtccgcgaga	aaattggcta	cggcctgggc	120
gacgcgggcg	gcacggtaat	tacctgcctg	atcatgaact	tcctgacctt	tttctatacc	180
gatgtatttg	gcctgacgcc	cgcgctgggtg	ggcacgctgt	ttattgccct	tcgggtattt	240
gacgcgattt	ccgatccggt	gatgggcgtg	attgccgacc	gcacgcagag	ccgctggggg	300
cgttttcgtc	cgtggcagct	gtgggtcgcg	cttcctatcg	ggatcgctcg	cgtgctgacc	360
ttcaccgtcc	cggacgccag	catgggcgtg	aaaatcgcc	gggcgttcgg	cacctatctg	420
ttgctttcag	tgggtatata	cgccatcaac	gtgccgtatt	gcgcgctgat	caacaccattg	480
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gcgggctttc	tggctctcgt	tggcctgccg	tggctgggtg	cagagctggg	acagggcaat	600
accgcccggg	gttatcagtt	gggcgttggc	gtgctgtgcg	ccatcgccgt	ggtgatgttc	660
ctgtgctgct	tcttctgggt	gcgcgagcgc	gtcccgttg	cgctgatggg	taaattcacc	720

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tacgtgcttc	agggcagcac	ggcgtacacc	tcgtgtttt	tcacatggt	gacctttgct	900
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gcccttttcc	acctgctgct	ggcggtcgct	atccgctggt	gcaggcttaa	caatcccgtg	1380
atgtcgcgca	ttgccaccga	tttgcgccag	cgtcatgtac	agtctctga		1428

&lt;210&gt; 4283

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4283

cgtagttgcg	gaggcggtca	gcgcatataa	cgcaacccaa	tgatgcagag	tccggcgag	60
gtgagcctgc	gcccgaataa	cagattgtca	gatatgcagg	caataatgga	acaaacccag	120
gcctttgaaa	atcgtgtgct	tgagcgtctg	aatgctggca	aaaccgtacg	aagtttcctg	180
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aaagacgact	acgcggtaaa	gtacgctgta	gaaccgttac	tggaacggaga	cggaccgctg	300
ggcgatttat	cggtacggct	gaagctgatt	tacggtctcg	gcgtgctgaa	ccgtcaggag	360
tatgaagacg	ccgagctggt	aatggcgctg	cgcaagagc	tcaatcatga	cggcaatgag	420
tacaccttta	ccgatgatga	gatactgggg	cccttcggcg	aactgcactg	cgtatccgcg	480
ctccctcccc	cacctcagtt	tgataacagc	gaccagagc	tgtacgcgat	gcaaaagctg	540
cgttatcaac	aggttgctcg	ctccaccatg	gtgctttccc	tgactgagct	gattttctaaa	600
atcagcttaa	aaaaagcgtt	tcagaagtaa				630

&lt;210&gt; 4284

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (878)

&lt;400&gt; 4284

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cagcgcattt	tgcccccggt	cctgtttccac	tatatcgacg	gcggggcgta	tgccgaatat	120
accctgcgcc	gcaacgtgga	ggatctgtcg	gaagtggccc	tgcgccagcg	cgtgctgaaa	180
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gcgctcgcac	ctgtcggttt	atgtggcatg	tatgcccgctc	gcggtgaagt	gcaggccgcc	300
gccgccgcag	atgccaaagg	cattccggtt	accctttcca	ccgtgtccgt	ctgcccagatt	360
gaagaagtcg	ccccgaccat	caagcgcccc	atgtggttcc	agctgtacgt	cctgcgcgat	420
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ccgaccgggc	tggaggacta	cattggctgg	ctggcgaaca	atttcgatcc	gtcgatctcc	720
tggaaagacc	tggagtggat	ccgcgaattc	tgggacggcc	cgatggtgat	caaagggatc	780
ctcgaccggg	gaagatgccc	gcgacgcggg	gccgttttgg	cgcccaatgg	gatcgtggtc	840
tctaaccaat	gggggcccgc	cagcttggat	gggggtgntc	tcctccgccc	cgcgcccttg	900
cgggccattg	ccgatgccgg	tgaaggggga	attttgggaa	cctgggcccga	a	951

&lt;210&gt; 4285

&lt;211&gt; 2154

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4285

ctgcctaatt	ttgcgcggga	tcaactcatcc	cttcgcgtcc	tccttgcaga	aagccgtaga	60
ggaggagttt	ttccctgag	ccgaatggca	cactgggtcaa	aaatgccgcg	acaggaaaat	120
ggaatgaaac	gcactgcatt	agctgttctg	atgttaccgc	cattcgcgca	tgccgactgg	180
tcatcgccgg	gatttaacgc	gtttagcgct	gaaggtaccg	gcgtctttac	cagccaggca	240
acgcttgcca	agggtaaccg	cccgctgacg	ttgagtcttg	acaacgcgtg	ctggcagccg	300
acaggtgcca	ttaagctcaa	cgagatgctg	tcgctcaaac	cgtgcgaagg	caccccaccg	360
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cagtgcgccg	agtgggacgg	caaaccgctc	acgatcgatg	tcgttaacac	ctttccggaa	540
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cagctgggcg	tgaatgcgct	ctggataagc	tcgccgctgg	agcagatcca	cggctggggt	900
ggcggcgcca	ccaaagggga	tttcccccac	tacgcctatc	acggctatta	cactcaggac	960
tggacgaaac	tcgacgccaa	catgggcaac	gaagatgatt	tacgccagct	tgctgacgac	1020
gcgcacaggc	gcggtatccg	cgctctgttt	gacattgtca	tgaaccacgc	gggttatgcg	1080
acgcttgccg	atatgcagga	gtatcagttt	ggcgcgctct	atttgcaggg	cgatgagctg	1140
aaaaaaaccc	tcggcgagcg	ctggactgac	tggaaagccag	gagcggggca	aagctggcac	1200
agcttcaacg	attacatcaa	cttcagtgac	aaagccgcac	gggaaaaatg	gtggggtaaa	1260
aatggatcc	gtaccgatat	cggtgattac	gacaaccgcg	gctttgacga	tctgaccatg	1320
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gataccgcta	agcacgttga	gcctgaagcc	tggctgcaac	tgaaaaacca	ggccagccag	1560
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ggccctacgg	gctccgatcc	gctacagggg	accggttcgg	atatgaactg	gcaggacgct	1980
acgggtaaac	aggcggttaac	tgctcgccac	tggcagcttc	tggggcagtt	ccgcgcccg	2040
catccggcgg	tgggtgaagg	caagcaaaca	acgctgtcga	tgaaagaagg	ctacggcttt	2100
gtgcgcgagc	acaagggcga	taaggtgatg	gtgggtgtgg	cgggtaatca	atag	2154

## &lt;210&gt; 4286

## &lt;211&gt; 315

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4286

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gccctcgcca	tgcgcgcaca	aatcacattt	cagcgctga	acgcgatctt	ccacgacccg	120
aacctgcatt	gccccgaacg	ggcacgccac	catacagctt	ttgcagccga	tacagcgcca	180
ttgcttaacg	agccaggctc	ccgcagcgcg	gtgaatggcc	cccgtcgggc	agacattcgc	240
gcagggcgca	tcttcacact	ggtggcagcc	cactgccgtg	gtgaagggtt	cccccttaac	300
cacgcggatc	cgtga					315

## &lt;210&gt; 4287

## &lt;211&gt; 663

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4287

tcgacggtcc	aaccgcgat	gcaaaactac	agcgcatcat	ggacttcac	accaccgcag	60
aacgcgctga	tgaaaatgtc	gccgtccgtc	tgccctggaca	tgaatttact	cgctgctgg	120



aagaaaaccg	ccgggacggc	atcaccatcg	acgacagcgt	gtgggcgaaa	atccagtcctc	180
tgtaggaggt	gggtcatgat	attcggacat	attgcacagc	caaateccatg	tcgcctgcca	240
ctggcgatag	aaaaggcgct	taattttctg	cgtaccacgg	atttcaccac	cctggcaccg	300
ggcgtgatcg	aaattgaagg	ccgcaacatt	tttgcccagg	ttctcgacct	caccacaaaag	360
gagcagcacg	agaaccgccc	tgaagtccat	cgccgctatc	tggatatcca	gtttctggcc	420
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atgatacctg	gcagttacgc	catatttttc	ccgcaggatg	ttcaccgctc	tgctgtatt	600
aaaaacaagg	gatccgcaat	tcgtaaaatt	gtgggtgaaag	tggccatcag	cgaattagat	660
taa						663

&lt;210&gt; 4288

&lt;211&gt; 666

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4288

ggagtacgac	ctatgagccg	accattattg	cagctggcgc	tcgaccacac	ctcgcttcag	60
gccgcgcagc	gcgatgtcgc	gacgctttcc	gatcacgtcg	acatcgtcga	agccggcacc	120
attctatgcc	tgaccgaagg	gctaaacgcc	gttcgcgcgc	tgcgtgcgca	gtgtccggat	180
aaaattatcg	tggcggactg	gaaagtcgcc	gatgccggag	aaacgctggc	tgagcaggcg	240
tttggcgagc	gcgcaaaactg	gatgaccatc	atctgtgcgc	ccccgctggc	caccgttgaa	300
cgtggccacg	aggtcgact	gcgcggcggc	ggcgagatcc	agatggagct	gtttggcaac	360
tggacgtcgc	acgacgcgcg	cgcgtggcat	ggcatcgggg	tgaagcaggc	gatttaccac	420
cgcgggcgcg	acgcacaggc	cagcggccag	cagtggggtg	aggcggatct	cagcaaaatg	480
aaggcgctgt	ccgatatcgc	tttgcagctt	tctataactg	gcggtatcac	ccccgctgac	540
ctgtcgctgt	ttaagcagat	caacgtcaaa	gccttcattg	ccgggcgcgc	gctggcaggc	600
gccgataatc	cgccgcaggt	ggcacaggca	ttccattcgc	aaatccgcga	catctgggga	660
gagtaa						666

&lt;210&gt; 4289

&lt;211&gt; 2007

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4289

tgtcgcgcgc	tgccaccgat	ttgcgccagc	gtcatgtaca	gtcctgagga	gaacgatatg	60
accataatgg	aagccgacct	gcatcagctg	aaaatcaacg	acccgtttct	tggtcagtac	120
caacggctgg	tccgcgatgt	ggtgatcccc	taccagtggg	atgcgcttaa	cgatcgctg	180
gcagaggccg	aacccagcca	cgccatcgcc	aacttcgcga	tcgcggccgg	tctggaacag	240
ggggagtctc	acgggatggg	ctttcaggac	agcgacgtgg	cgaatgggct	cgaagccgtg	300
gcgtggctcg	tgtgccagaa	gccggatgct	gaactggaaa	aaaccgccga	cgaggtgatc	360
gagctggtcg	cagcggcgca	gtgtgaagat	ggctatctca	atacctattt	cacggtgaaa	420
gcaccggccg	agcgttgagc	caatctggcc	gaatgccacg	aactgtactg	cgccgggcat	480
atgattgaag	cgggtgtggc	gtatttccag	ggaaccggaa	agcgcgcctc	gctggacgtg	540
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ggctatccgg	gccacccgga	aatcgagctg	gcgctgatgc	ggctgtacga	cgtcacgcag	660
gagccacgct	atctcaatct	ggtgaaatac	tttattgagg	aacgcggcgc	gcagcctcac	720
ttctacgata	tcgaatacga	gaagcacggc	agaacgtcat	actggaacac	ctatggcccg	780
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ctgtacgtgg	ggaacgacgt	cgccattccg	gttggggata	acatcctcca	gctgcggatt	1440
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actcacacgc	tggccctgag	gctgccggac	tgggtgtgcg	aaccggctgt	ttcgctcaat	1560
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gaaggcgaca	cgctgacgct	gacgttaccg	atgccgggtcc	gccgcgtgta	cggcaaccgc	1680
caggtgcgcc	agcaggcggg	gaaagtcgca	ttgcagcgtg	ggccgctaata	ttactgcctg	1740
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cggttatattg	aaggcaaagg	catttttcgcg	cacaagatgc	tgatacaggc	agaagggatc	1860
gggtgtcagg	cgaaggacac	tgatgccttg	tggcagtagc	accactcacc	ggtagaacgt	1920
cagccccgga	cgctgacctt	tattccgtgg	ttcagctggg	caaaccgggg	agaaggggaa	1980
atgcggatat	gggtggatga	aagctga				2007

&lt;210&gt; 4290

&lt;211&gt; 492

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4290

atggattcct	gcaccagcgc	gcggctcgga	caggtgcaga	cttcgccctg	gttaaaccgcg	60
aacagcgcaa	acccttccag	cgctttgtcg	aagaaggcgt	cctcttcgtc	catcacgtcg	120
gcaaagaaga	tgttcggcga	tttgccgccc	agctcgagcg	tgaccggaat	gatgttctgg	180
gtcgcgtact	gcatgatctg	ctggcccact	tccgttgagc	cggtgaacgc	cactttggcg	240
atacgttttg	aggtagccag	atattcgccg	atctctcccc	cgcccccggt	gaccacgtta	300
atgacccccg	gcggcaacag	gtcgccaatc	acctccatca	gcagcagtag	cgaaagcggc	360
gttaagcgcg	cgggtttcag	cacaacgcag	ttaccgcgcg	ccagcgcggg	cgccattttc	420
cagctagcca	tcagcagcgg	gaagttccac	ggaataattt	gccccaccac	gccgagcggc	480
tcgtggaagt	ga					492

&lt;210&gt; 4291

&lt;211&gt; 1032

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4291

gtgtacaaca	agggtagttc	cggttggtgg	ttttctcgcc	agtcggtaac	gggtttacga	60
gccgtatcac	ggattaccgt	actttacgtt	tcgtttctgc	cgccagagcc	atacttaata	120
gctcaggggc	tcattaggaa	cgatgcaatg	cagctattta	tcggctttga	cgtgggcgga	180
accacatca	aacacggcgt	gattaacgaa	aacggcgaag	aactgacatc	cgatgaatat	240
gatacgcctg	acgatgaaag	caccttcaaa	cagaagtgga	aagcggtggt	ggataagtac	300
cgccaggagc	atgagatcgt	cggcacgcgc	gtgagttttc	cgggccacat	caatcaccat	360
accggcgaa	cgggcaaggc	cggggcgctg	gattaccttg	acggtgaaaa	cctgtgctgag	420
cttttcgcac	agctgaccga	tcttcccgtg	acaaccgaaa	atgacgccaa	ctgcgcggcg	480
ctgggcgaac	gctggcaggg	cgccggtaag	gactatgagc	attttgtctg	catcaccata	540
ggcaccggca	tcggcgcgcg	tatcgtcattg	gagggcgatc	tctaccgtgg	atcgactac	600
cgggcggggtg	agtttggcgt	gctgcccgtt	ggcaacaacg	gcgagccgat	gcacgaagtg	660
gcgtcagcca	gcggcctgat	gaaagcctgc	cgccgcgcgc	tggccgtgtc	ggaagatgag	720
atgcctgatg	gtgaggagct	gttttagacgc	atggacagcg	acgtgcatct	gcgtgaggcc	780
atagaagagt	gggcgcattt	cctctcgcg	ggcatctaca	gcgtgatctc	catgtttgat	840
ccgcaggcgg	tgctgattgg	cggcggcatt	agcgagcagg	agaaaatcta	tctcctgctg	900
gataaatacc	tacagcgatt	cgaggagtgg	gaggcgctcc	gggtgcccac	ccttccctgc	960
gagctgggta	accaggcggg	aaggctgggc	gcggtctggc	tggttaagca	gaagcaggcg	1020
cgacgcgctt	aa					1032

&lt;210&gt; 4292

&lt;211&gt; 1257

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4292

caaataacgg	tactcctccc	tctccccccc	ggggagaggg	ctagggtgag	gggaaaacgt	60
tcctcaccgc	agccctctcg	ggtaaaaaaca	ttgatgaagg	ttaacactat	gaaagcatta	120
cattttggcg	caggtaatat	tggtcgtggc	tttatcggtg	aactgctggc	agacgcgggc	180
attaccctga	cattcgccga	tgtgaatcag	gtggttcttg	atgccctgaa	tgcccgtcat	240

agctatcagg	ttcacgtggt	gggtgaaaaac	gaacaggttg	aaacggtttc	tggcgtcaac	300
gcggtaaagca	gcattggcga	cgatgttatac	gatcttattg	ccagcgttga	tctggtcacc	360
acagccgtgg	gtccggtggt	gcttgagcgt	atcgccccgg	cggtcgcgaa	aggcctggcg	420
aagcgtaaaag	cacagggcgt	tgaaacgcgc	ctgaacatca	tcgcctgtga	aaacatggtg	480
cgcggcacca	cgcagctgaa	aggccacggt	cttacggccg	tcgccgacga	agataaaagcc	540
tgggttgaag	cgcacgtagg	ttttgttgat	tccgcctggg	atcgcatcgt	tccgccgtca	600
gcatccgccca	ccaacgaccc	gctggaagtg	accgtggaaa	ccttcagcga	gtggatcggt	660
gataaaacac	agtttaaggg	cgcgctgccg	accattccgg	gaatggaatt	aaccgataac	720
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tatctgaaag	atgacgttga	gcgcgtgggt	cgtcagccgc	tgcgtaaact	gagcgcgggc	1020
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gtgaagggaa	tcgctgccgc	aatgcactac	cgcagcgagc	aggacccgca	ggcgattgag	1140
ctggctcagc	tgattgatga	caaaggcgcg	caggctgcgc	tggcgcagat	ctccggtctg	1200
gatgccaaca	gtgacgtagt	tgcgagggcg	gtcagcgcat	acaacgcaac	caaatga	1257

&lt;210&gt; 4293

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4293

aaaaagcggtt	tcagaagtaa	gcccgcacac	attggtgtat	ccttccctgt	aaattccccg	60
ttttcagagt	tatttgtcat	gaaagaagtc	gaaaagaacg	aaattaaacg	cctgagcgac	120
cgtctggata	tgatccgcca	tcagatggcc	ggcctctccc	ttgttgattc	cgccgagaaa	180
tatgccgagc	tggaaaaaga	gtccgtgaag	ctggaggcgg	aaattgaacg	cctgcgcgaa	240
gtgaaaggcc	agaagctgag	taaagaagcg	cagaagctga	tgaacatgcc	gcatcgccgc	300
gcgatcacca	aaaaagagca	ggccgacatg	ggcaagctga	agaaaagcgt	ccgtggcctg	360
gtggtggtgc	acccgatgac	tgagcttggt	cgcgaaatgg	gcctgaaaga	gatgacgggt	420
ttttgtaaga	ccgcgttctg	a				441

&lt;210&gt; 4294

&lt;211&gt; 849

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4294

acacagcctg	atatttacct	gcatggtggg	cgtgatcacc	acattgcagg	cctatgtctt	60
aacctggatg	attccatgat	agtgatgcc	agacgcctgt	ccgaagagat	tgccactcgc	120
gtacggggcg	tgatagaaga	acaacagctg	gaagcgggca	tgagattgcc	cgccgagcgt	180
cagcttgccg	ctcagcttgg	cgtgtcgcgc	aactcactgc	gcgaggcgct	ggcgacgctg	240
gtcagcgaag	gggtgctgct	gagccgtcgc	ggtggcggca	ccttcgtgcg	ctggcagcat	300
gacgactggt	ccgaacaaaa	catcgtgcag	ccgctgaaga	cgctgatgga	aaacgacccg	360
gactacagct	tcgacatcct	cgaagcgcgt	cacgccatcg	aaaccagcac	cgcgtggcac	420
gcggcgatgc	gggcaaccga	cgccgacaaa	gagaagctca	aagcctgttt	tgaagccacg	480
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aaggcgatga	tggcgcacat	cggcttcgtg	cataccacca	ttaaacgatt	cgatgaagat	780
caggcccgcac	aggcgcgtat	taccgcgtctg	cctggcgaga	gtgatatttc	cagggagaac	840
aaagcatga						849

&lt;210&gt; 4295

&lt;211&gt; 825

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4295

atatccatgc	ttgaattatc	catagcactt	ccgatcaggg	ttcaaaatgg	cgggttattt	60
atctcccggg	gcggtggcgg	tcatcccgca	cgaaaattat	cttcatggga	aataattttt	120
gtcgaaaaag	ggacattaac	gatccaggag	gaaaatacgc	tgtttgaggt	aaacgctggc	180
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acgccgctgt	cgattgagca	acactgtagc	gtgcgggatac	cgcaatatgt	tattgcttta	360
ttccgtcagt	ttttaagcga	gcaggaaaaa	ttacagcgta	gccaggcgct	ggagataatc	420
ttgctgttaa	ttttgcagca	gatatcgctc	tcgccgggat	atgaagataa	agcggtatgat	480
gcggggcgag	caatggcgtg	gaaggccaag	cagcttatcc	gcacgcactt	tcatttgccc	540
ctgtccactt	cgcagctggc	aaaagagctg	cactgcaacg	cagattacct	ggggcgggta	600
tttcgtcgga	cgtttcattt	aaccctgacg	gaggcaattc	accgccagcg	cgtcagggcc	660
gctgaaaaac	tgctgctgaa	cgatgcggcc	tcattaactg	aagtggccgc	ccggtgcggt	720
tttaatgacg	tgggttattt	ccggcaaata	ttctcaaaac	ataccgggtt	aacgcccgc	780
gtctggaaac	ggcgggtactg	taaagagcat	attaattccg	gatga		825

&lt;210&gt; 4296

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4296

aacggcttaa	tcacctcatt	cgacaggcgc	agcaggctcgt	tacgcctgat	catctcgcac	60
atcatcgccg	ggccgatgcc	gccaggcgaa	aggctgataa	tgccggtcat	gttggtaatg	120
gcggtgatga	ttttctcggt	agcaatgata	atgccgcaac	ggctgcccgg	caggcccagc	180
ttggagaggc	tcatgcagag	gatgatattc	gggttccata	gcggacgcgc	ttcgtggaag	240
atgatccccg	ggaacgggtac	gccatag				267

&lt;210&gt; 4297

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4297

gattccgctc	tcaaattttt	gaagaaaaata	aggtgttgga	atgtttatat	ccgaccagga	60
gacctaataga	tatcgactcc	cattcgacga	tatggggccg	cgatactcat	gttactcacc	120
atggcatttt	caggtgaggt	gcttgcaaaag	acgcacacgg	atacaacgag	taagaaaagcc	180
cacgtaataa	agacgacaag	cagtaagggt	agcagtaaac	aagagtattc	tcgcaatagt	240
gcaaagagta	gttcaacttc	tgattttgca	aaataccctt	ccgggacacc	aaggaaaaaaa	300
gcgtttctcc	ggacggtaat	gccttacatt	aaaagccaaa	atgccgcgat	tactgcggat	360
cgtaactggc	tgatctccaa	acagtacgac	agccgctggt	cgccgctctga	gcgcactcgc	420
ctgaaagata	tgcgcaaacg	ctataaagt	aagtggagcg	ggaacacgcg	tcgctgtcct	480
tggaactcac	tggttagaacg	tgtggacatc	attccaggca	gtatggctgc	gacaatggcc	540
gccgccgaaa	gcggttgggg	cacctcgaag	ctggcgcgca	acaacaacaa	tctgtttggc	600
atgaaatgcg	taaaaggctg	ttgtactaac	gcgcccgga	aggtgaaggg	ctattcacag	660
tttgaatcgg	tgaaagattc	cgtgaatgcc	tacgtggtga	acctgaacac	tcaccgcgcc	720
tattcctcgt	tccgtaagtc	acgcgctcag	ctgcgtaagg	cggatcagga	agtgcaggcc	780
acggcgatga	tccataagct	gaaagggttat	tccactcagg	gacagcggtta	taacaattac	840
ctgttctcca	tgtaccagga	taaccagcgt	ctgattgccg	cacatatgta	a	891

&lt;210&gt; 4298

&lt;211&gt; 645

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4298

gaacatgacg	cgagatttga	agctggcctg	atggaaagct	ggctgatacc	ggccgagccg	60
gtcacctttg	ttgaggaaat	caaaaaaagc	cgctttatca	cgctgttggc	gcataccgac	120
ggcgtggagg	cggcgaaagg	gttcgctcag	tccgtccgcg	cgcagcacc	ggatgccgcg	180
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gacgacgggtg	aaccggcggg	tacggccgga	aaaccgatgc	tctcccagtt	gatgggcagc	300
ggcgtgggtg	aaatcaccgc	cgctcgtggtc	cgctactacg	ggggcatttt	gttaggcacc	360

ggagggctgg	ttaaagccta	cggaggtggt	gtccagcagg	cgcttaatct	tctgataaca	420
acccgcaaaa	cgccacttac	ggaatatact	ttgttatgcg	attacgcca	gctatcgggt	480
atcgaagcac	tgcttaaaca	gtttaacggt	gtcatcgcac	agagtgatta	tcaggcaatg	540
gtgcaattac	gcgtggcgct	tcctcaggcg	gaactggctg	ctttttcagc	aaaactcgct	600
gattttagtc	gcggttcatt	gcaattactg	ccgattgaag	aataa		645

&lt;210&gt; 4299

&lt;211&gt; 663

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4299

tcgccaatat	gctgtttggg	cgtcttgagg	tctttacgct	gctgggtgctg	tttaccctaa	60
cattctggcg	tgagtaaggga	gacattggtg	aaaacgttaa	ttcttttctc	aacgcgtgac	120
ggacaaacgc	gtgagattgc	ttcatatctg	gcttctgaac	tcaaagagct	gggcatttat	180
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gtcattggcg	cttcaattcg	ttacggccat	ttccatccgg	cgctggatcg	ctttgtgaaa	300
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cgtaaagcag	agaagcgtac	gccgcagact	aacagctata	cgcgtaagtt	tttgctgagt	420
tcgccatggc	agcccgatat	ctgttctgtc	tttgctggcg	cgctgcgtta	cccgcgttac	480
cgctggtacg	accgctttat	gatccgcctg	atcatgaaaa	tgacggggcg	ggaaacggat	540
acgcgtaaag	aagtggttta	taccgactgg	gctcaggtcg	ccagttttgc	ccgtgaaatt	600
gcgcatttaa	cggacgatgc	gcgggtcgtc	ttcacacgag	tgccagtgcc	gcgctatggt	660
aag						663

&lt;210&gt; 4300

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4300

tttacagagg	ggaaagtgtt	ccaaatgaaa	atcaaaaatg	tggcgctggc	gattgccgcg	60
gcggggctgc	tggtatcttc	tcaatcggtg	ctggcaagca	gtgattctgg	cgtaaatgct	120
tctctggata	ccggtgcggg	ttcgcaaagt	acgggcgggg	tgatcaattt	taccgggaag	180
attaccctta	tttctgtgta	tattactccg	gcctctaaaa	acaaaacggg	agaccttggg	240
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aacgtggaaa	actgcccggg	gacggttgaa	tcggttgccg	tactgtttga	cggaacccaa	360
gatacgggtg	atgacacact	gcttcagggt	acgccatgtg	aaggatggc	gacgggtgtc	420
cgcgtaagc	tttataacag	cgatcgcagc	accgcgatta	aaccgggtac	ggtatctgaa	480
acaaccgcac	cggatgatga	aggcaatgct	gaattaactt	tttatgccgc	acttgacaaa	540
gatggcacag	aaatctacgc	cggcgatggt	aacgccgttt	ctaacttcct	gatggtttat	600
aactga						606

&lt;210&gt; 4301

&lt;211&gt; 705

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4301

tttactgtc	agccacctcc	agagataata	atgatgaaac	gtttatcgta	tattatgctc	60
actgcattaa	tggttagttc	tgcgtcagtt	tcgcgtggcg	ttgtaatggg	gggaacacgg	120
atcgtatacc	cacaacacag	caaggagggtg	gcattttctg	tttctaata	ggaaagtgcg	180
gttccctatc	ttattcagtc	gtgggttgaa	ggggatgggc	agggtaaaaa	taacgctgcg	240
ccattttattg	tcacgccacc	tctgttcaga	cttgatccgg	agcagaccaa	tacgctgcgt	300
attcaatata	ccggcgctcc	gctgcccaca	gatcgtgaat	ctgtattctg	gctcgatatt	360
aaagcgattg	cgccaaagcc	aaaagagagc	agcaacgaat	tacaagttaa	cgtaaatacg	420
aaatttaaaa	ttttctaccg	cccggaacaat	ctaaaagggg	acgctgcaac	tgcttggcag	480
aaaataacgt	tttcgcgagc	gggaaaaggg	cttaaggccg	ctaaccgcac	gccatactac	540
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ccaggggaaa	cccgatgaatg	gcctgtgtcc	gcctccgggg	gcgtaagctg	gtcggctatt	660
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<210> 4302  
 <211> 612  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4302  
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 gttgcgcagt acaaccgcgt ggggaaaagtc ccggcgctgg taacggacga gggcgactac 180  
 tggtttgatt ccccgatcat tgcggagtac atcgagctgc ttggcggttc gccagccatg 240  
 ctgccggcgg atccaaaagc agcgctggcg atgaagcaaa ttgaagccct ggcggatggc 300  
 attatggatg cggcattaac gtccgtacgc gagcaggcaa ggcccgcgc ccagcagtca 360  
 gaaaatgagc tgctgcgcca gcgcgaaaaa atcagccgca gcctggatat gtgcgaacag 420  
 ctgatccgcg acgggaaaat tcagagcgat agcctgaatc tggcgacgat cgccatcgcc 480  
 tgcgccatcg gctacctcaa tttccgcgcg gtctcgccgg gctgggtgcg ggatcgctcg 540  
 ctgctggtca aactggcggg gacgctcttc cagcgcgaaa gtttcgcccg gactgaacca 600  
 ccaaaggctt ga 612

<210> 4303  
 <211> 1866  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4303  
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 aaaaagcgcg gcatgaccat tgacctgggt tacgcctact ggccgcagcc cgacggtcgc 180  
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 ccgtaa 1866

<210> 4304  
 <211> 879  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4304

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ttgtttcgcg	gcctgatgct	gattgaaatc	ctcagtaact	atccgaacgg	gtgtccgctt	180
gcgcatttat	cagaactggc	ggggctgaat	aaaagtaccg	tgcaccgggt	attgcagggg	240
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aaatttatcg	ccgtcgggca	aaaggcgctt	tcatctctca	atattattca	cgtggcgggc	360
ccgcacctcg	aggcgctgaa	cattgccacc	ggcgaaacgg	tcaacttctc	cagccgtgaa	420
gatgatcacg	cgatcctgat	ttataagctt	gagccgacaa	ccggtatgct	gcgcacgcgc	480
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## &lt;210&gt; 4305

## &lt;211&gt; 459

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4305

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gagggcggtc	ccgcctgcgt	cgaagcctgt	cccaccacg	cgtgcgcgtg	catagacccc	420
gccagcttac	gcgcggaacg	gctgcgtaat	atggcctga			459

## &lt;210&gt; 4306

## &lt;211&gt; 1518

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4306

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&lt;210&gt; 4307

&lt;211&gt; 939

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4307

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&lt;210&gt; 4308

&lt;211&gt; 2079

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4308

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&lt;210&gt; 4309

&lt;211&gt; 1362

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4309

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&lt;210&gt; 4310

&lt;211&gt; 2544

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4310

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&lt;210&gt; 4311

&lt;211&gt; 1104

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4311

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&lt;210&gt; 4312

&lt;211&gt; 1644

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4312

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&lt;210&gt; 4313

&lt;211&gt; 1641

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4313

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<210> 4314

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 4314

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<210> 4315

<211> 369

<212> DNA

<213> Enterobacter cloacae

<400> 4315

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<211> 1410

<212> DNA

<213> Enterobacter cloacae

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<210> 4317

<211> 1473  
 <212> DNA  
 <213> Enterobacter cloacae

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 <211> 297  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4319  
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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4320  
 <211> 702

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4320

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&lt;210&gt; 4321

&lt;211&gt; 1020

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4321

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gttcacgtag	gtctggtggt	gttttagtgt	atggatttcc	atcgtctgct	tgctgaaaatg	900
cggttccagt	gcgtcgtagg	catacggcag	ggatggcagt	gtataactca	taatcctctc	960
cattattgtc	gggcggcaca	gctgttaatg	ccgcgtaagc	agttgggttca	ttatagttaa	1020

&lt;210&gt; 4322

&lt;211&gt; 1149

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4322

ttgccattca	aaacaaaagt	gcggcaacct	tctgaagggt	cccaaaccgc	ctcatttttta	60
cactcatcaa	gtcggcgagg	agcctccggc	tataaaaacg	atgaggatgt	aaaaatgaat	120
catgcgatta	cgatgggtat	cttctggcat	ttgataggcg	cggccagtgc	agcctgtttc	180
tatgccccgt	ttaaaaaggt	gaaaggctgg	tcatgggaaa	ccatgtgggt	cgttggcggt	240
accgtgtcct	ggctgatttt	gccgtggaca	atcagcgcca	tgctgctgcc	cgatttctgg	300
ggctacttct	cctccttcaa	cgctccacc	ctgctgccgg	tattcctgtt	cggcgcgatg	360
tggggcatcg	gtaatatcaa	ctacggcctc	accatgcgct	acctcggcat	gtcgatgggg	420
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gcgaactga						1149

&lt;210&gt; 4323

&lt;211&gt; 591

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4323

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ctgctgcgca	cccgcgaaac	ccgtaacacc	tgtacgtact	gctccgtcgg	ctgtgggctg	180
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&lt;210&gt; 4324

&lt;211&gt; 2463

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4324

cacggaccaa	cggtagcaag	tcttgctcca	acatttggtc	gcggtgcgat	gaccaaccac	60
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tcaggctactg	acatcacttt	cctgtcaggc	gtactgctgt	acctgatgac	caacgaaaaa	300
tataaccgcg	agtacaccca	agcctatacc	aacgccagcc	tgatcgtgcg	tgaggattac	360
cacttcgaag	atggcctgtt	cagcggttac	gacgccgaaa	aacgcaagta	cgacaaaacc	420
agctggaact	acgagctgga	cgaaaacggc	tttgcgaagc	gcgacaccac	cctgcaaac	480
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gaaaacatct	gtgggacgcc	gaaagcggat	ttcctgaagg	tgtgcgagtt	gattgcggaa	600
accagcgcga	aagataaaac	cgcgtcgttc	ctgtatgcgc	tcggctggac	gcagcactcc	660
atcggcgcgc	agaacatccg	caccatggcg	atggttcagc	tgctcctcgg	caacatgggg	720
atggcaggcg	gcggcgtgaa	cgccctgcgc	ggtcactcca	acattcaggg	tctgaccgac	780
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taa						2463

&lt;210&gt; 4325

&lt;211&gt; 915

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4325

cggagacgac	ttatggctta	tcaatctcaa	gacattatcc	gtcgttccgc	gactaacggt	60
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&lt;210&gt; 4326

&lt;211&gt; 879

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4326

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&lt;210&gt; 4327

&lt;211&gt; 2037

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae



&lt;400&gt; 4327

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aaggtgaacg	gcattctggg	gcaggactgg	tccggcatcc	gcattgacct	cttcggcaaa	900
cgcgtaatgt	ggaactggaa	gtggaacagc	gcgctctatc	cgcagcttga	tacgaggatt	960
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&lt;210&gt; 4328

&lt;211&gt; 1425

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4328

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gtgcgcatag	tggaagagat	cgaactgcgc	aaacgtacgg	cataa		1425

&lt;210&gt; 4329

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4329

agcgtcagca	gtcactttat	aacaataaat	ccggccacta	tgtccttcct	gtttatcagg	60
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cgatggaatg	attacaaccg	ggagcagtac	cggatccggt	tagggttacg	gtattcgttc	780
taa						783

&lt;210&gt; 4330

&lt;211&gt; 1455

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4330

agacctcggt	accacgacga	caatgaccaa	tctggagagt	taagtatgtc	cgctgaacac	60
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&lt;210&gt; 4331

<211> 927  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4332  
 <211> 873  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4333  
 <211> 1530  
 <212> DNA  
 <213> Enterobacter cloacae

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 aacatcaaca ctctggagtg ggatgacaag atgctggacg cgtcggacat tccgcgagcg 660

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ggcccgcgcg	gcgaagtga	ctatgctctg	gaaggcgcg	tattcatggc	gggtgcctcc	960
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&lt;210&gt; 4334

&lt;211&gt; 1026

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4334

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ctgtaa						1026

&lt;210&gt; 4335

&lt;211&gt; 774

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4335

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gacggtaagc	tcagcccgcg	cctcgccgcg	ctgaagccag	gcgatgaagt	gcagattgtc	300
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<210> 4336  
 <211> 1272  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 gggggtattc aggccacggg taactatcct ggcaaagcgc gcaacgccac cgaactgctg 240  
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 gtcgccgccc tgaacacagc ggaagaaaac ggcgactaca ccgcgcgctt ggcgctgctg 1140  
 gaagagcaga aatccctgcc gtggcaggcg gtgtgggaga tgtactgcca gcgtcacgat 1200  
 gcacctgcgg gcagccagtg gctggataac gtgcggcgct atgagaaaga ggttcttgcc 1260  
 gtcgtcagtt aa 1272

<210> 4337  
 <211> 927  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 ttctccagc gcatgatcaa agccacctcc gacgcctggc tgaagggctg ggatgagcgc 180  
 aacggcgcca acctgacgct acgcctggac gacgcggata tcgagccatt tgctccgat 240  
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 gacaccgcc agaaatccgc ggaggtgctg gtgaaggtct attccatggg cggcatgaag 840  
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<210> 4338  
 <211> 1272  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 gatcggcgct tccccgttct ggcagatggc gatttccggc tcggtcattg tcatcgctgt 180

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&lt;210&gt; 4339

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4339

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&lt;210&gt; 4340

&lt;211&gt; 930

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4340

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&lt;210&gt; 4341

&lt;211&gt; 954

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4342  
<211> 903  
<212> DNA  
<213> *Enterobacter cloacae*

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tga 903

<210> 4343  
<211> 1434  
<212> DNA  
<213> *Enterobacter cloacae*

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&lt;210&gt; 4344

&lt;211&gt; 1431

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4344

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&lt;210&gt; 4345

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4345

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taa						303

&lt;210&gt; 4346

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4346



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&lt;210&gt; 4347

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4347

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taa						783

&lt;210&gt; 4348

&lt;211&gt; 1434

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4348

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&lt;210&gt; 4349

&lt;211&gt; 1707

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4349

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&lt;210&gt; 4350

&lt;211&gt; 1083

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4350

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tga						1083

&lt;210&gt; 4351

&lt;211&gt; 1521

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4351

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&lt;210&gt; 4352

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4352

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<210> 4353  
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 <212> DNA  
 <213> Enterobacter cloacae

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 gtcaccgacg gtcagctggg gaagctgggc ctgctcgaca gcctgtttac cgcgctcgac 180  
 gcccatcaga tgtcgtatca cctgttcgat gaggtattcc cgaatccgac ggaagcgctg 240  
 gtgcaaaaag gctatgcggc atatcaggat gcggagtgtg attacctgat tgcctttggc 300  
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<210> 4354  
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 <212> DNA  
 <213> Enterobacter cloacae

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 aaaaaccgta ccacgtgat ccgcgcctgt agcggcgag tgttgctgct ggccgccgta 600  
 ccgtttgcgc cgggtgggtct gccggtactg ctctctttgc tcggccttgc cgcgaggaaa 660  
 aaataa 666

<210> 4355  
 <211> 657  
 <212> DNA  
 <213> Enterobacter cloacae

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 gggttcttct tcccgctcct caactggctg atgcagatca tggggacacc acagctggcg 180  
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 cgttactggc accataacct aatcaatcgg gatgatattc ttggggcgaa gaatatctgt 300  
 aagatcgctg tcaacgagga agtaggtgat actggcgctt ataacttcgg ccagaaatgc 360  
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 tcatttgccg cagtggcggt aattgtgggt atcatgggtg atattttacgc cgccctttgg 540

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catcacccgc	gctggtaccg	tgaagtccgc	cagaaacagg	aaaagtcatc	tgaatga	657

&lt;210&gt; 4356

&lt;211&gt; 1287

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4356

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gcgtccaagc	agggctatca	gcattttctt	gttctgctgg	gcgcggcgag	cgccgtcacc	420
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&lt;210&gt; 4357

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4357

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&lt;210&gt; 4358

&lt;211&gt; 1485

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4358

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## &lt;210&gt; 4359

## &lt;211&gt; 969

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4359

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## &lt;210&gt; 4360

## &lt;211&gt; 570

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4360

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&lt;210&gt; 4361

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4361

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&lt;210&gt; 4362

&lt;211&gt; 1092

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4362

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gaggaggagt	ag					1092

&lt;210&gt; 4363

&lt;211&gt; 1401

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4363

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&lt;210&gt; 4364

&lt;211&gt; 879

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4364

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&lt;210&gt; 4365

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4365

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&lt;210&gt; 4366

&lt;211&gt; 705

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4366

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&lt;210&gt; 4367

&lt;211&gt; 603

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4367

ctttacgttg	ttttacaccc	cctgacgcac	gtttgcagcc	tgaatcgtag	actgtctctc	60
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atgcagcgaa	gctcagatat	gacgcttttc	agtagcaata	gcagtaccgg	tagtaaccag	600
taa						603

&lt;210&gt; 4368

&lt;211&gt; 909

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4368

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tcgctgacca	acctgctggt	ggtgcgctac	tcgctgcaac	cggcggatga	agagcatacg	240
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gcgtttttga						909

<210> 4369  
 <211> 282  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4369  
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 ggtgaaacct tgaccgccga agagcagtca tgggtggatg ccaaactgga tcgcatcgac 180  
 gagctgatgc agaagctggg tctgtcttac gatgacgaag acgacgaaga agaagacgaa 240  
 aagcaggaag atatgatgcg tcttctgaag ggtggaaact aa 282

<210> 4370  
 <211> 948  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4370  
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 gaaggtggga aatatgtcgc aaaagactat acggaagtgg gcggcgccc gccggaacg 180  
 gcgcagtggt cagccgcgaa actgggcgcg gaagtggatt ttattggccg ggtgggggac 240  
 gacgataccg gcagacggct gctcgcggag ctggaatccc tgggggtgaa taccgcgtac 300  
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 gaaatcgact tctcgcagtg ggatattgtc ttagccgatg tgcgctggca tgacggggca 480  
 aaacaggcat ttaccctggc ccgtcagcag ggcgtaccga cgttgcttga tgcggatgtc 540  
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<210> 4371  
 <211> 462  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4371  
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 gtcgaaaaag atgacgacga acaaaaagct aaccgcttat gtgagcgcgt gctgggctac 180  
 cgcattttca gcgatgcgga aggcaagatg aacctgaacg ttcagcaggc gggcggcagc 240  
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 ttttcgaagg gcgcggcacc ggagcgcgca gaagctctat acgagtactt tggtgagcgc 360  
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 ctggtgaacg atggccccgt cacattctgg ctccaggatg ga 462

<210> 4372  
 <211> 1062  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4372  
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 cgcgccctca acggatatga cgacgtttct gctgagacgc gcgcccgcgt ggaagcggag 180  
 gccagcgcgc gtggctaccg accaaatacc tttgcccgct gcctgaagat gggcaaaatc 240  
 gacgccgtcg ggctggtatt tccggtgcat cctgttccgc tcaataacag cgtttttatg 300

gacatggtcg	gcgaaattag	ccacgaactg	gcgcgacatg	agattgacct	gctgctcatc	360
gctgacgacg	atctggcgga	caaacacagc	tatatgcgca	tggtgcagag	ccgacgcgtg	420
gatgcgctga	tagtggcgca	tacgtgggat	cacgatccgc	gtcttgagca	gcttcaggcc	480
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&lt;210&gt; 4373

&lt;211&gt; 2229

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4373

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&lt;210&gt; 4374

&lt;211&gt; 1095

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4374

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aaaaaactgt	actga					1095

&lt;210&gt; 4375

&lt;211&gt; 1050

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4375

tcacgcgtta	gctttctggc	acgctgcatt	catcaaaaaca	ctacacaaga	gagctgggcg	60
atgaataaat	ggggcggtgg	gttaacatta	ttgctggcat	caaccagcgt	tctggcaaag	120
gacattcagt	tactgaatgt	gtcgtagcat	ccgacgcgtg	aactgtacga	ccagtacaac	180
aaagctttcg	cggcgcactg	gaaacaggaa	accggcgata	acgtgggtgg	tcgccagtct	240
cacggcggtt	ccggtaaagc	ggcgacatcg	gtgatcaacg	gtatcgaagc	cgacgtggtg	300
accctggcgc	tggcttatga	cgtggatgcg	atcgcgagcg	gtggccgtat	cgacaaaaac	360
tggatcaagc	gcctgccgga	caactctgcy	ccatacacct	cgaccatcgt	cttctcgttg	420
cgcaaaggca	acccgaaaca	gattaaagac	tggaaacgacc	tgattaagcc	gggcgtgtct	480
gtcatcacc	cgaacccgaa	aagctccggc	ggcgacgct	ggaactacct	ggcgccctgg	540
ggctacgcgc	tgcaccacaa	caacggcgat	caggccaaag	cacaggactt	cgtcaaagca	600
ctgtttaaaa	acgtcgaagt	cttggaactc	ggcgcgcgcg	gcgcaaccaa	caccttcgtc	660
gagcgcggca	tcggcgacgt	gctgatcgcc	tgggaaaacg	aagccctgct	ggcgaccaac	720
gagctgggta	aagacaagtt	cgagatcgtc	accccgagcg	aatccatcct	cgctgagccg	780
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actatcgatg	atgttttttg	cggttgacc	aaagcgcaga	aagagcactt	ctctaaccgc	1020
ggcaccttcg	accagatcag	caagcgctaa				1050

&lt;210&gt; 4376

&lt;211&gt; 819

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4376

gaaatccgcc	gggtttttta	tttggtcatc	atctttgcgtt	actcttttgc	ctctattgaa	60
aacagggaac	gcgttgtgaa	aaaaattatc	ttactgattc	tgatcggtat	cgcccttgcc	120
gcaggcggcg	tgtactggat	gaaagcgggt	aatccgaatg	cggtgcgtca	tatcgttctc	180
gaccagtgtg	tgcccaacca	gctgcataac	cgtaaccggg	caccgtgcgc	gcaggtgaag	240
ccagatgcgg	gctacgtggg	gttcaaagac	cgcaacggac	cgttgcaata	cctgctgatg	300
cccacgtacc	gtatcaacgg	cactgaaagc	ccgctgctga	cagagccgca	gacaccgaat	360

ttcttctggc	tggcatggca	gtctcgatcat	tttatgagca	tgaacgagg	ggccgacgtg	420
cctgacagcg	ccgtttcgct	aaccatcaac	tccccgaccg	ggcgacgca	aaaccatttt	480
catatccaca	tctcctgtct	gcgcccagac	gtgcgcgaga	agctgaacgc	gtcgcagggg	540
caaatcagca	cccagtgggt	accgcttccg	ggcgggctgg	aagggcagatga	ataccttgcc	600
cgtcgggtga	cggagaacga	actggtgcag	cgcagcccgt	ttatgatgct	ggcgggaagag	660
ctgccagaag	cgcgcgacca	tatgggacgc	ttcgcgctgg	cgatggcgca	gcagtcagac	720
ggctcgtttg	tattgctggc	gacagagcgt	aatttgctta	cctttaaccg	cgcgtcagct	780
gaggaattgc	aggatcatca	atgcgatatc	ctgaagtga			819

&lt;210&gt; 4377

&lt;211&gt; 1833

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4377

ggcaaagtgtg	tgatcgaaaa	attgcgtaat	atcgccatca	tgcgcgacgt	cgaccatggt	60
aaaactaccc	tggttgataa	gctgctacag	cagtccggta	cgtttgatgc	tcgtgccgaa	120
actcaagagc	gtgtgatgga	ctccaacgat	ttggagaaaag	agcgtgggat	taccatcctc	180
gccaaaaata	ccgctatcaa	atggaatgac	taccgtatca	acatcggtga	tacccagggg	240
cacgccgact	tccgttggtga	agttgagcgc	gtgatgtcca	tggtggattc	cgtgctgctg	300
gtggttgacg	catttgatgg	ccctatgccg	caaacgcgct	tcgtgaccaa	aaaagcattt	360
gcccacgggc	tgaaacctat	cgttgtgac	aacaagggtg	accgtcctgg	cgcgcgtcct	420
gactgggttg	ttgaccaggt	cttcgacctg	ttcggttaacc	tcgacgcgac	cgatgaacag	480
ctggacttcc	ctatcgttta	tgcgtctgcg	ctgaacggta	tgcgcgggtc	ggatcacgaa	540
gacatggcgg	aagacatgac	tccgctgtac	cagacgattg	ttgaccgcgt	tcctgcgcca	600
aacgttgacc	tggaaaggcac	cctgcaaagt	cagatctctc	agctcgacta	caacaactat	660
gttggcgtaa	tccgcattgg	tcgtatcaag	cgcggtaaaag	tgaagcctaa	ccagcaggtc	720
actatcatcg	atagcgaagg	gaaaacccgt	aacggtaaaag	tccgtaaaagt	gctgactcac	780
ctgggtcttg	agcgtatcga	gagcgacatc	gctgaagcgg	gcgacatcat	cgctatcacc	840
ggtctgggtg	aactgaacat	ctccgacacc	atctgcgac	cgcagaacgt	cgaagcgtg	900
ccagccctgt	ccgttgatga	accaaccgta	tccatgttct	tcaacgtcaa	cacctctccg	960
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gtttcgggtc	gtggtgagct	gcacctgtct	gttctgattg	agaacatgcg	tcgtgaaggt	1140
ttcgagatgg	cggtttcccg	tccgaaagt	atcttccgcg	aaatcgatgg	ccgtaaacaa	1200
gagccgttcg	aaaacgtaac	gctggacggt	gaagagcagc	accaagggtc	tgtgatgcag	1260
gcactgggtg	agcgtaaaag	cgacctgaaa	aacatgaatc	cagatggcaa	aggccgcgta	1320
cgtctcgact	acgtgatccc	aagccgtggc	ctgatccggc	tccgttctga	gttcatgacc	1380
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gtttacgaag	gccagatcat	cggtattcac	agccgttcta	acgacctgac	ggtaaactgt	1620
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gttccaccga	tcaagatgac	cctggagcag	gcgctggaat	tcacgatga	tgacgaactg	1740
gtcgaagtga	cgcctcagtc	aattcgtatc	cgtaaacgtc	acctgactga	gaacgatcgt	1800
aaacgtgcaa	tgcgcgggtgc	gaaagaagac	taa			1833

&lt;210&gt; 4378

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4378

aatgcacaaa	gcccggcggg	cgcgcgggta	taccgactg	tgatcaaaacc	cgctcttttt	60
tgtcactttt	tgtataaaaat	gcggggcggtg	atggttttca	gaggacagcc	catgagcctt	120
accgaactga	ccggcaaccc	gcgtcacgat	cagctgctga	cgctgattgc	cgatcgcggc	180
tatatgaaca	ttgatgaact	ggcgcagctg	ctggatgtct	ccacgcaaac	cgtgcgcggg	240
gatatccgta	agctcagcga	gcaggggctg	atcacccgtc	atcacggcgg	cgcgggcagg	300
gcatccagcg	tggtcaaacac	ggcgttcgaa	cagcgtgaag	tctcgtttac	cgaagagaaa	360
cgggcgattg	ccgaagcgat	tgcggactat	attcccagacg	gttcgacctt	ttttatcacc	420
atcgggacga	ccgtggagca	cgttgcccg	gcgctgctta	accataatca	tctgcgcac	480

atcactaaca	gcctgcgggg	ggcgcacatt	ctttataaga	atccgcgctt	tgagggtgatg	540
gtgcccggcg	gtacgctgcg	cccgcataac	ggcggcatta	tcgggtcctgc	ggcaacggcg	600
ttcgtgtcag	gatttcgcgc	agattacctg	gtcaccagcg	tcggggcgat	agagcacgac	660
ggcgcgatga	tggaaattga	cgttaacgaa	gccagcgtgg	tgaaaaccat	gatcgctcac	720
tcccgtcaca	ttttactggc	ggccgatcat	acgaaatacc	acgcctccgc	ggcggttgaa	780
attggcaacg	tggcgcgagg	gacggcgctg	ttcaccgatg	agctgcccgg	cccggcgctg	840
caaaatcacc	tcaaattccag	caagggttgag	gttgtcgaag	tcaattccgg	agaagagcag	900
caggctggct	ga					912

&lt;210&gt; 4379

&lt;211&gt; 951

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4379

tcagttaggt	atcacctcca	ttctggtgac	cggaaaagag	acgataccga	actactttgc	60
gaagcagtta	tgctaaaaac	cgttcatcaa	aaagccaatc	accacacgcg	cccgtgagg	120
gcgtggttga	aactcctctg	gcatacgatt	gatgaggaca	acatgaccac	gctggcgggc	180
aatctcgctt	acgtgtcggt	gctctcgctg	gtgccgctgg	tggcgggtgat	ttttgcgctt	240
ttttcggcat	ttccaatggt	tggcgatgtg	agcatgcagc	ttcgccattt	tgttttcgca	300
aactttattc	ctgccaccgg	cgatgtgatc	cagaactaca	ttgagcagtt	tgctgcaaac	360
tccagcaaga	tgacggcggt	gggggcggtg	gggcttattg	ttaccgcgct	gctgctgatg	420
tactccatcg	acagtgcgct	caacaccatc	tggcggagca	aaaaagtccg	cccgaagggt	480
tactcctttg	ccgtctactg	gatgatttta	acccttggcc	cattgctggc	gggggcaagc	540
ctggcgatca	gctcctacct	tctttcgctg	cgctgggcga	ccgacttaaa	cagcgtgatc	600
gataacgtgc	tgcgtatctt	cccgtgatt	ttatcgtggc	tttcgttctg	gctgctctac	660
agcgtggtac	caaccacgcg	cgtacccaac	cgggatgccg	tgggtgggtgc	tctggtcgcg	720
gcgttgctct	ttgagctggg	caagaaaagg	ttcgcgcttt	atatcaccat	gttccccctc	780
tatcagctga	tttacgggtg	gctggcggtg	atccccattt	tgtttgctctg	ggtctactgg	840
acgtggtgta	tcgtcttgct	tggcgccgaa	ataactgtca	ctctcggggg	ctaccgcgaa	900
ctcaaaaaag	cagcagaagc	tgaaaaacaa	caagaagcag	accaaccatg	a	951

&lt;210&gt; 4380

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4380

tccatactat	gcgtaaggcc	tggcgtttgt	gttgcaatag	caggctcact	tcggtggttg	60
ttcaggaata	ccgttgtgtc	taaacaaaac	cgtgttgccc	acgcgtcgcc	actgcctgcg	120
ggtattgtgg	aactgtcggt	acacagaccg	cctcacattt	cacatgccac	gccggatttt	180
ctggcggaag	aggtccccgt	tggcctgatt	tacaacggta	tttcgcatgt	ggtgatgatg	240
gcctcgccga	aagatctgga	gctgttcgcc	ataggttttt	ccctctcgga	aggcatcatt	300
gcgcatccgc	aggagatcta	cggcatggat	gtggttcatt	cctgtaattg	tcttgaagtg	360
caaatcgaac	tctccagccg	ccgctttatg	gggctgaaag	agcgccgccg	ggcgtgggcc	420
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tttgcggtgt	cagcggcaac	cacgctggcg	gtggaagtgg	cggagcgcgt	caacctgacg	840
ctggtggggg	tctgcaagcc	gggtagagca	actatttaca	cccatccgca	gcgattgata	900
gttgatcagt	aa					912

&lt;210&gt; 4381

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4381

ggtctaatat	ttatctcatc	aaggcacggc	gccttatcta	aacaacttaa	cgaaaggggt	60
tatctcatga	aaagcatcaa	aacttttgtc	gcagtaatcg	ctctggctac	ctcttttggg	120
tctttcgtcg	cgcagacagt	gaccgcaccc	gcctctaccc	tggatgggtg	agaagctaaa	180
atcgctgcac	aggctcagga	agcggggcgc	tcaccttaca	aaattaccca	ggcattcacc	240
ggttaaccgcg	tacacatgac	cgctgaactg	aacaaataa			279

&lt;210&gt; 4382

&lt;211&gt; 642

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4382

ccatatcgaa	cgtattttcca	ttataatgaa	cgcatacagaa	acgtttttaca	agacgaacga	60
ttcgtttcgtt	atagagagaa	agaggccgtt	attatgacgc	agccaatcag	cgtgatcgcc	120
aaaagcctgg	tacgagaacg	cctgcgaacc	gggctctcac	tggcggaat	tgcccgccgt	180
gccgggatcg	ccaaatccac	gctttcacaa	ctggagtctg	gcaacggcaa	tcctagcctg	240
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cagcaaccgc	tcacgcaggt	gatccgccgc	ggcgagggca	caaaagtcgt	cgccgggcag	360
gcgaactacg	aggcgatttt	gctcgcgcg	tgtccgcgcg	gcgcgcgctg	tgatatctat	420
ctgctgctga	ctcagccggg	ggcagaccgt	atttcccage	cccatccgcc	tggttcgggt	480
gagcatatta	tcgtgaccca	ggggcgggcg	atggtcggtc	tgatcgacgc	ggcggaagaa	540
ctcggcccg	gagattacat	ttgctaccct	gctgaccagc	cgcatactct	taaggcgctg	600
gagcccagata	cgcacgcgct	gctggtggcg	gaacaaaact	aa		642

&lt;210&gt; 4383

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4383

gaacttttct	cattggtggg	ggccgttatg	accgtactgc	acagcgtcga	tttttttccct	60
acggggggctt	cgccggtcgc	gattgagcca	cggtgcctc	aggctgcgtt	cccggagcat	120
catcatgatt	ttcatgaaat	tgtgattgtt	gagcacggaa	cgggcatcca	cgtgtttaac	180
ggtcagccgt	ataccatcag	cgccgggtacg	gtgtgcttcg	tgccgcgatca	cgacaggcac	240
ctgtatgaac	ataccgacaa	cctgtgcctg	accaatgtgc	tctatcgttc	tcgggatgcg	300
ttccagtttc	tttccgggct	gaatcagctg	ttgccgcagg	agaaggacgg	ccattatccg	360
tcgcactggc	gggtgaatca	gtccacgttg	cagcaggtgc	gtcagctggg	gagccagatg	420
gagcagagcg	aggatggaca	ggagacgcac	gccattgcta	cccgcgagct	gctgtttatg	480
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acgctggcgg	atgacttttc	gctctcgctg	cgcacgctgc	atcgtcagct	caagcagcat	660
accggcctga	cgccgcagcg	ttaccttaac	cgtctgcgcc	tgatcaaagc	gcgtcacctt	720
ttacgtcata	ccgacgaaag	cgtcaccgat	atcgccctatc	gctgcgggtt	cgccgacagt	780
aaccactttt	cgacgctgtt	tcgccgggag	tttagctggt	cgccgcgcga	tattcgtcag	840
gggaaagacg	cgttgcttca	gtaa				864

&lt;210&gt; 4384

&lt;211&gt; 1326

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4384

aaaattctac	aggagacagg	tatgtcgctc	tggttaacgc	atcctctgct	gcttccctcg	60
ctgatcgctg	gcgtcaccat	cgtgctgtgg	gcgacgtcgc	tggtgcccga	atttatcacc	120
gcgctgctgt	ttttcacggc	ggcgatggcc	gccagaatcg	ccccgccgga	agtaatcttc	180
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tcctgggtgc	tgatggtggc	aagcgttgtg	ctactgagct	atgccctggc	attcgtgatg	360
ccgtcgaaca	tgggacgtat	tgctctgctg	atgccgattg	tcgccgcgat	ggcgaagcgg	420
gccggcattc	ctgatggctc	gcgggcctgg	tttggcctgg	cgctggcggt	cggttttggc	480
accttccagc	tctcggccac	tattttgccc	gccaacgtgc	ccaacctggt	gatgagcggc	540

gcggcggaag	gctcatacgg	tatccacctc	aactatgtcc	cgtatctgct	gctgcacacg	600
ccggtgctgg	gtattctcaa	aggcctgatt	ctgattggcc	tgatctgctg	gctgttcccc	660
ggcaaccgga	aaccggcgaa	ggatctcgcg	ccatcggaac	cgatggggcg	tgacgaaaaa	720
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gcgatgggct	tagggaaagt	gcctgcgaag	gcggggatgc	tgctctgtct	ggcgctggcg	1260
attgcgacgt	atctggtgct	gctgccgctg	gattatttgt	ggttttagcgt	attaggacgt	1320
ttgtag						1326

&lt;210&gt; 4385

&lt;211&gt; 501

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4385

ttaaaacgat	atctggtcgg	cttgtcaaaa	ggtcacaact	ccagggtaaa	atgcgggcta	60
aacaataata	aggaacctta	catgaccata	cagcagtggc	tgttttcatt	caaagggcgt	120
attgggcgcc	gtgacttctg	gatctggatt	gcaacgtggg	ttgtcgccat	gctgcttctg	180
ttttttgttg	cctacaacgc	atggctgagc	acgcaaaccg	cggcatttgc	gctggtctgt	240
ttactgtggc	caaccgccgc	cgtggtggtg	aaacgtctgc	acgatcgtgg	ccgctccggc	300
gcatgggctt	tcctgattat	cctggcgctg	atgctggtgg	cggggaaactg	gtcattgctg	360
ccctcaatcc	tcccatgggt	ggtgggcaga	ctgctgccga	cggttatctt	tgtaatgatg	420
gttgtcgaac	tgggcgcgtt	tatcggcacc	cagagcgaga	acaaatatgg	aaaagatacc	480
cttgaggtga	agtaccgctg	a				501

&lt;210&gt; 4386

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4386

agcgtcgcc	tgcaattcag	gagaggtagg	atcatgtctt	tagaagtgtt	tgagaaaactg	60
gaatcgaaag	tacagcagcg	gattgacacc	atcacgctgc	tgcaaattgga	aattgaagaa	120
ctgaaagaga	agaacaactc	cctgtctcag	gaagttcaga	acgctcagca	cagccgcgaa	180
gaaatggagc	gcgaaaacaa	ccagctgcgc	gaacagcata	acggctggca	agaacgcttg	240
caggcgctgc	tgggacgtat	ggaaaaagtc	tga			273

&lt;210&gt; 4387

&lt;211&gt; 3219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4387

tgcaaaaacc	gttgccatga	ccgccagcgc	cgccctcaac	tgatccctta	cctgagaatc	60
caatccatgg	actttttccg	ttttttcatc	gacaggccga	tttttgccgc	cgtactgtcg	120
attctgattt	ttatcacagg	attaatcgcc	atcccgtgc	tgccggtgag	cgaataccct	180
gacgtcgtgc	cgccaagcgt	gcaggtgcgc	gccgagtatc	cgggcgccaa	cccgaagtg	240
attgctgaga	ccgtggcaac	accgctggaa	gaggcgatca	acggcgttga	aaacatgatg	300
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&lt;210&gt; 4388

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4388

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&lt;210&gt; 4389

&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4389

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&lt;210&gt; 4390

&lt;211&gt; 1308

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (672)

&lt;400&gt; 4390

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 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <211> 882  
 <212> DNA  
 <213> Enterobacter cloacae

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 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4395  
 <211> 2058  
 <212> DNA  
 <213> Enterobacter cloacae

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ccgcgcaaca tgcattaa

2058

&lt;210&gt; 4396

&lt;211&gt; 2304

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4396

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&lt;211&gt; 525

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4397

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&lt;210&gt; 4398

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4398

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&lt;210&gt; 4399

&lt;211&gt; 837

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4399

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&lt;210&gt; 4400

&lt;211&gt; 1131

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4400

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&lt;210&gt; 4401

&lt;211&gt; 873

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4401

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&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4402

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&lt;210&gt; 4403

&lt;211&gt; 1275

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4403

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&lt;210&gt; 4404

&lt;211&gt; 2379

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4404

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 <212> DNA  
 <213> *Enterobacter cloacae*

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<210> 4406  
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4406  
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 atacataaag cgttgagaca agagcaggca gcactcataa atgctctgcg tgatatcacc 300  
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 cagggcaaaa aggcgctgaa ggccgggtatc atgccgcaga agctacttct gcatcatcag 480  
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 gcccttcagg tcaccgtgcc gttacgcgaa atcattccgc ggggtgaacag tgaaccggcg 780  
 ggagcgcgtg tgatccaact gtgtgagttt tacaaccggg gaaaagcgca gaaaagctg 840  
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<210> 4407  
 <211> 906  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4407  
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ctgtaa						906

&lt;210&gt; 4408

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4408

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&lt;210&gt; 4409

&lt;211&gt; 621

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4409

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gccgcggcgg	aagcgcgata	a				621

&lt;210&gt; 4410

&lt;211&gt; 456

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4410

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&lt;210&gt; 4411

<211> 639  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4411  
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 acgctctcat ccatcaactg gtctgcggcc tatccgtgga actggtttgg ttctcaacg 180  
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 tatgtattca gcggcaacctg gaacggtccg gaagggttaa tgccgtctga cgacaccctg 600  
 aaaaagtggg aagtgagcaa aattatctgg aagcagtaa 639

<210> 4412  
 <211> 1023  
 <212> DNA  
 <213> Enterobacter cloacae

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 ctgtttgccg cccttaatcc cgcatttgaa cagcagtggg cgaaagagaa caacggcgac 180  
 aagctgacca tcaaacagtc gcacgctggc tcatccaagc aggcgctggc cattttgcag 240  
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 aaattcccgc agaccgagct gttccgcgtg gaagatcatt tcggcgccgt gcctgaggtg 960  
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 taa 1023

<210> 4413  
 <211> 921  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4413  
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 gggctcgtga aagaccgggc ggcgctgtcg atgattgttc aggcgaaaa gcgcggcgag 180  
 ataaagcccg gcgatgtgct gatcgaagcc accagtggta acaccggtat cgcactggcg 240  
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tcgcaggggg	cggggattta	a				921

&lt;210&gt; 4414

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4414

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gagcacgggt	acatcatccc	ggggctcggc	gatgccggcg	ataagatttt	tggtactaaa	720
ttaa						723

&lt;210&gt; 4415

&lt;211&gt; 1113

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4415

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&lt;210&gt; 4416

&lt;211&gt; 1044

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4416

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&lt;210&gt; 4417

&lt;211&gt; 1968

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4417

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&lt;210&gt; 4418

&lt;211&gt; 1134

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4418

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gacctattcg	tttccggggc	tgtgccgttc	atgcgctact	gcgtttttct	tctcttcttc	120
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&lt;210&gt; 4419

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4419

cactctgcaa	agtcgctttg	gtcgacgtgt	ggtaggtcac	tgatggcgga	agttacgcaa	60
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&lt;210&gt; 4420

&lt;211&gt; 456

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4420

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gttaacaagt	tcattgaaga	aaaaacaatc	tgctaa			456

&lt;210&gt; 4421

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 4421  
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 caccacgcag gctttacagc caatgcattt ttgttgattg acctgtacgc tgtcgctgtg 300  
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 ggtcacgggg ctttttcgca agcctga 387

<210> 4422  
 <211> 591  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4422  
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 tgcaacatcg aagacagccg gctggctatg cttggcgaa agttcacggt catcatgctg 180  
 ctttcgggaa catggaatgc cattaccctc atcgaatcta ccttgccgct gaaaggcgca 240  
 gagctggatt tactgattgt gatgaagcgc accaccgcgc gcccgcgctc ggctctgcct 300  
 gccacggtct ggggtacagg tgaagtgcct gattcacctc atctgattga acgttttacg 360  
 gcgctgtttg acagccatca gatgaacatt gccgaactgg tttccgcac acagccgggc 420  
 gatgaaaacg caatcccgac gctgtttatt caaattaccg cacacagccc tgccctcgag 480  
 gatgcgtcaa atatcgagca agcgttcaaa gccctctgta cagaattaca cgcgcaaggc 540  
 agtataagcg tcgtcgatta ttcgcagcac gaacaggatg gagttgagta a 591

<210> 4423  
 <211> 462  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4423  
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 aacaacgctt taagccgtac gagaagatgt aataaaggag aagtcatgac agacgcggta 120  
 aaaatttacc ataaccctcg ctgctccaag agccgcgaga cgctgaatct gctgaagtct 180  
 aacggcatcg atccggaagt ggtgttgtat ctggagacgc cgcgggatgc gcagacgatc 240  
 cgccagctgc tgaagatgct taacatgggc agcgcacgcg acctgatgcg tcagaaagaa 300  
 gatctgtata agtcgctcaa tctgaacgat accagctca ctgaagatcg gctgattcag 360  
 gcgatggtcg acaatcctaa gctgattgag cgcgcgattg tggtagcgaa cggcaaggcg 420  
 cgtatcggcc gtccgcggga agacgtactc gggatcgtct aa 462

<210> 4424  
 <211> 696  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4424  
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 gcctgcaaac agaagaaaat caatggcacc attcgggcag tattcagcaa caaggccgat 120  
 gcattcggcc ttgagcgcgc gcgggaagcg aacattcctg cgcacgcgct ggaagccagc 180  
 cagttcggcg ggcgtgaagc ctttgaccgt gagctggtgc aggagattga cgcctacgcg 240  
 cctgacgtgg tgggtgctggc aggctacatg cgcacctcga gcccggtttt tgttgacac 300  
 tacgccggac gactgctcaa tatccaccct tccctgctac caaaataccc cggctctgcac 360  
 acccatcgctc aggtgctgga gaacggcgat gaggagcatg gtacctcgt gcatttcgtt 420  
 accgacgagc tggacggcgg tccggtcatt ttgcaggcaa aagtaccggt ctttgacggt 480  
 gacaacgaag acgacgtgac cgaacgtgta caggctcagg aacacgccat ttatccgctg 540  
 gtggtgaagc ggtttgttga cggccgtctt gagatgcgcg acggcgagc ctggctggac 600  
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 gcggcgcttc gcttgacagg gcctacggtc ccgtag 696

<210> 4425  
 <211> 537  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4425  
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 tcgggtgaac gttcgacgag tgcaatcctg gcctacggcc tggaggcgaa tccgagcttt 180  
 atccgcaagt taatggttcc gctcgcccg cgcggcatta tcgtctccac gcttggccgc 240  
 aacggctcta ttcattcttg ccgcccggcg gaagagatta cctgcggtga tatctacctt 300  
 tccgtcactg aagataaaaa gctgtgggcg tcccgctctg acgtcccggc ccgctgcgtg 360  
 gtcagcgcca acgcctgctg gtacttcaaa tcaatcgctg atgaagcgga gcaggcttcg 420  
 ttagcggttt tagcgcgcca taccgtcgcc agcgcgctgg aagaggtgaa aaaagccgat 480  
 accagcgggt gcgatccggt gccggaactc tgtacgcagc ataaaaaagc gccttaa 537

<210> 4426  
 <211> 519  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4426  
 gagaagatca tgggtttggt cgataaactg aaatctctgg tttctgatga caagaaagac 60  
 tccggaacta ttgagattgt tgctccgctc tccggcgaga tcgtcaacat cgaagacgtg 120  
 ccggatgtag tgtttgctga gaaaatcggt ggtgatggca ttgctatcaa accaactggc 180  
 aacaaaatgg ttgctccagt tgacggcacc atcggtaaaa tttttgaaac caaccatgcg 240  
 ttctctatcg aatccgatag cggtatcgaa ctgttcgttc acttcgggtat cgacaccgtt 300  
 gaactgaaag gcgaaggctt caaacgtatc gcggaagaag gccagcgtgt taaagttagc 360  
 gaccgggtaa ttgaattcga tctgccactg ctggaagaaa aagccaagtc taccctgacg 420  
 ccggttggtt tctccaacat ggacgaaatt aaagaactga tcaaactgtc tggcagcgtt 480  
 accgtgggtg aaaccccggt tatccgcac c aagaagtaa 519

<210> 4427  
 <211> 927  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4427  
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 ctgatgcagc tacaggacgc gatttgccag aaactttccg ccgcagacgg cgggtgaattc 120  
 caggaaagcg cctggcagcg cgaagcgggc ggcgcgggc gcagccgctg gctgcgtaac 180  
 ggcggtatct ttgaacaggc cggggtcaac ttctcccacg tccacgggtga tgcaatgcca 240  
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 tcgctggtgg cgcacccgca taaccggtt gtgccaaaca gccacgcca cgtgcgcttt 360  
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 acgccttact atggcttcga agaggatgcc gtgcactggc acaccacgc gcgcgacctc 480  
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 ttccagcttt accgcgcggg gcgctacgtg gagtttaacc tgggtatggga tcgcgggacg 780  
 ctgtttggcc tgcaaacggg tgggcgcacg gagtccattc tgatgtcgat gccgcgctg 840  
 gtgcgctggg aatacagcta cgcgcaaaaa gaaggcagcc cggaggctgc cttgagtgag 900  
 ttatttcggg ttcgggactg ggtgtaa 927

<210> 4428  
 <211> 975  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4428



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gctgccaaac	tttaa					975

&lt;210&gt; 4429

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4429

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&lt;210&gt; 4430

&lt;211&gt; 1131

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4430

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&lt;210&gt; 4431

&lt;211&gt; 201

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4431

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ccgcatcttc	cgccgcaccg	tgattttaac	gacaagtggg	acgatgaaga	cgactggccg	180
aagaaggacc	agaagaagta	a				201

&lt;210&gt; 4432

&lt;211&gt; 1428

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4432

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&lt;210&gt; 4433

&lt;211&gt; 1041

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4433

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<210> 4434

<211> 2067

<212> DNA

<213> Enterobacter cloacae

<400> 4434

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<210> 4435

<211> 1542

<212> DNA

<213> Enterobacter cloacae

<400> 4435

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cgtctgaagc	agcgtgtgca	tctggccgat	ggtctcgacg	cgcgtaacat	gctgagcgaa	180
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&lt;210&gt; 4436

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4436

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cagtcgcagc	aatcaggcct	cgttgtggat	tcgcccagagc	gctaa		225

&lt;210&gt; 4437

&lt;211&gt; 1236

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4437

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&lt;210&gt; 4438

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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<210> 4439  
<211> 321  
<212> DNA  
<213> Enterobacter cloacae

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gatagccgtc tggacattga aaccgtctcc aggcgagccg gctattcgaa atggcacctc 180  
cagcggcttt tcaaagaaca taccggtccc cctctcgccg aatatattcg cgcgcaaaaag 240  
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accacgggca agagatccgc g 321

<210> 4440  
<211> 909  
<212> DNA  
<213> Enterobacter cloacae

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gcaaagcagg ctcaggcaaa agacgagagc acgcttaaaa ccagtaacgg acacagcaaa 180  
ccgaaaacca aaaaagccgg cgcaaagcgt ctggtcatgc tcgatccagg ccacggcggg 240  
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aaacgttga 909

<210> 4441  
 <211> 1992  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 aaatatgtgg gtctgaaagg ggcgattgtc ggcattgaagg gttacggtga atccgcccg 1920  
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 agcgtgctgt ag 1992

<210> 4442  
 <211> 1695  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 cagttgcacc ttggctggca ggagatggac acgcgtatcg ccagcggcga taccgggtgg 360  
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&lt;210&gt; 4443

&lt;211&gt; 3141

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4443

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&lt;210&gt; 4444

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4444

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&lt;210&gt; 4445

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4445

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&lt;210&gt; 4446

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4446

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&lt;210&gt; 4447

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4447

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&lt;210&gt; 4448

&lt;211&gt; 729

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4448

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&lt;210&gt; 4449

&lt;211&gt; 999

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4449

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&lt;210&gt; 4450

&lt;211&gt; 1290

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4450

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&lt;210&gt; 4451

&lt;211&gt; 1383

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4451

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taa						1383

&lt;210&gt; 4452

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4452

gccatgacgc	ttttgcaaac	gccctctttc	accctgcacg	gcaaacgcgc	gctggtgacc	60
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cacagcctcg	catttcaccc	gctggaactg	gatattaccg	acgctcagga	ggtggagcgt	240
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 <213> Enterobacter cloacae

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 gacgctgggg tgagactggg cgaagttatc gaaaaagaca tgatcgcgat tccccttacg 480  
 ggccagcagc gtgaacgggt ggtggcttca ccttcctatc tggcgacaca cagcgcaccg 540  
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 gccccctatc gctgggagtt tgaggaagca ggctccctt tcgatgtggc aattgaacca 660  
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 ctggatgcgt ttcttccatc ttttcctggg ttttatctct attttcccca gcgccacaat 840  
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 acgcaacca cacagcgttg a 921

<210> 4454  
 <211> 309  
 <212> DNA  
 <213> Enterobacter cloacae

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 tctccgataa cgtggggccc gtgcagcttc cgcttaacag cggggacacc accgacgaca 180  
 cgctgccgca gttgcaggga accgcaccgg acggcaccac catcacgata tatgacggaa 240  
 ccacctgct cggcacggcg gtgctcgacg gcagcggcgg ctggagcttt acgccaacca 300  
 cgccgctga 309

<210> 4455  
 <211> 237  
 <212> DNA  
 <213> Enterobacter cloacae

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 gccagacgct gcaaatcacc gccaccgatg cggcagggaa cgtctcgctg cccggctcag 180  
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<210> 4456  
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 <212> DNA  
 <213> Enterobacter cloacae

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 gaactcccc cttaaatgg ccgcgtggcg cccgtagcca gcaaagccgc ccccggcacg 180  
 ctacagctga atgaagcgg taaccgcgcc gtgacctggc atccggctat cagtgaagcc 240  
 gtcggcaaac tttatcagca gagcgaaaat gtggacgtcg ctaaatcgaa atattatccg 300  
 caaattaacg ctggcatgga taacggctat agccacgacg gcgacgataa tggctttacc 360  
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&lt;210&gt; 4457

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4457

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&lt;210&gt; 4458

&lt;211&gt; 1251

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4458

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&lt;210&gt; 4459

&lt;211&gt; 1782

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4459

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## &lt;210&gt; 4460

## &lt;211&gt; 378

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4460

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cctgccttga	ccaaataa					378

## &lt;210&gt; 4461

## &lt;211&gt; 834

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4461

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&lt;210&gt; 4462

&lt;211&gt; 1950

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4462

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&lt;210&gt; 4463

&lt;211&gt; 2727

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4463

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&lt;210&gt; 4464

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4464

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gagcatatca	gtgacaaaaa	ttatcgtgca	cagatggaac	agctgaagga	aaagatgacg	360
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&lt;210&gt; 4465

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4465



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gcaagaaagc	tcgacatcat	caatgcggcc	atgtcgcacc	tggatttacg	atcgccaccg	240
ggcaatatgt	atgaagcatt	gagtcctccg	ttgaagggat	actcctctat	ccgggtaaac	300
agacaataca	ggcttgattt	tcgctgggtca	gagggaaaag	cagacgatct	ctatctctct	360
ccacacaagt	acacgcaaca	caagtga				387

&lt;210&gt; 4466

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4466

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ggtcacgccc	ctccactcc	ggctcgcccc	gcttaa			276

&lt;210&gt; 4467

&lt;211&gt; 924

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4467

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&lt;210&gt; 4468

&lt;211&gt; 891

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4468

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gcggggtcggg	tattcatccc	ctgccgcgtg	ggcgctttcg	atgtttctcca	ggtcaaagat	780
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&lt;210&gt; 4469

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4469

tgtaacgcc	gtgttaaaat	atgttcaaaa	ctgatgggtca	ccaggagcca	taatatgaat	60
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&lt;210&gt; 4470

&lt;211&gt; 513

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4470

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&lt;210&gt; 4471

&lt;211&gt; 588

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4471

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 <212> DNA  
 <213> *Enterobacter cloacae*

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<210> 4473  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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 ctgtaa 306

<210> 4474  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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 aacctcagca cctttgatgg cgccagcgcg cctgaccgcg actggcgatc gattgcggtt 240  
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ggtagcgcgt	cgacgctggg	gaactatgtc	tctgtttcac	aaagcggtaa	caatactgtg	11400
atctccatcg	accgtgacgg	cacgggagcc	gcctacacta	aatctacact	cgttacgctg	11460
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&lt;210&gt; 4476

&lt;211&gt; 2226

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4476

aaaccgcacc	atccagaccg	tggagatcca	gccatgaagc	aacgcgacat	cccgcagggg	60
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cgctatcgcg	ttgcctgctc	gccaggctcg	ctcgtcgcag	gcgcgccgtg	gctgaaaggc	180
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ctgacggcag	atcagcagtc	catcaacagc	tggcgtctgc	ccgtggtggg	ggagctgaac	300
gacggaaaaa	tggcgtcat	cgacaatttc	gacggcgagg	atacgtgga	ggtcagcttt	360
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gcgtga						2226

&lt;210&gt; 4477

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4477

acagacaata	caggcttgta	tttcgctggt	cagagggaaa	agcagacgat	ctctatctct	60
ctccacacaa	gtacacgcaa	cacaagtga	gcacaccta	tgacacttca	acaggcactc	120
cgaaaaccca	ccacgcggg	cgaggtggtg	cagtatgagt	atcttgaacc	gctcaatctg	180
aaaatcaacg	atctggcaga	gatgctaaat	gtacaccgca	ataccgtaag	cgcgttggtc	240
aataacaatc	gcaaacttac	tgccgatatg	gcgatcaaac	tggcaaaagc	cttaaatacc	300
actattgaat	tttggtgaa	cttacagcta	aacgttgata	tctgggaagc	gcaatctaac	360
tccgcacgc	aggaggagt	aagccggata	aaaaccgttg	cggaaagtc	ggcgaagcga	420
aatccggca	agccggacgt	tgcctga				447

&lt;210&gt; 4478

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4478

caatcttcta	acatcaaccc	agtttatctg	aatttttatt	tattaaagaa	tgaaggctca	60
caacataaag	agtctgctat	gaaaatcgtc	attattggtg	ccagcggtag	ggtcggctgt	120
gctgtgacag	aagagctaag	ccgtcgtcac	gaggtgatca	gcgtgggtcg	cacgcagggc	180
gaccatcagg	tggatatcac	ctcgcaggcg	agcgtacagg	cgctgttcga	aaagatcggc	240
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ctgaccggcc	agcactacct	gaacgaaggc	ggctcgatta	cgctgataag	cggcattgtg	420
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cccgtgcga	ccgttgcgca	ggcctaccgc	cgacgcgtgg	aaggggtaca	gagcgggcgg	660
gtatataaag	tcggctatta	a				681

&lt;210&gt; 4479

&lt;211&gt; 528

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4479

ggaaacataa	tgtctcttcc	tcttatttcg	ccgcagcagg	caaacgcgct	tattgctgaa	60
ggcgccaaac	ttatcgatat	tcgcgacccc	gacgagtatg	cccgcgagca	tattccggcg	120
gcgcactcca	ttccgctgga	ttcggttacc	ggcgggctta	acgcggcgcc	gggagaaacg	180
gtgattttcc	actgtcagtc	cggcgcacga	acctcaaaca	atgctgctcg	tctggcgag	240



gcagcatccc	ctgcgaacgc	ctgtgtggtt	gagggaggca	ttcagggctg	gaaacaggcc	300
gggctgctga	ccgttgaaga	tcgatcgag	ccgcttccgc	tgatgcgtca	ggtgcagatc	360
gctgccgggc	tgctgatact	ctgcggcggtg	gtgttgggtt	acagcgcttc	cagcggtttt	420
ttcctgctga	gcgggtttgt	gggcgcgggg	ctgctgttcg	ccggagtgc	aggtttttgc	480
ggtatggcgc	gacttctgaa	agtgatgccg	tggaaccgac	gtacctga		528

&lt;210&gt; 4480

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4480

atggcagtta	cccttaaact	ggctacgctt	agagaagtgt	cttttataat	tttcaattgg	60
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ccgctgggcg	tgctgcttgg	caaggggctg	ggctgggcgt	ttattctgaa	tatccttctg	180
accatcctgg	gctacttccc	cggtctttat	cacgcatttt	gggttcagac	gaagagctag	240

&lt;210&gt; 4481

&lt;211&gt; 1773

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4481

tttcaccaac	ggcaagccac	acccaatgat	cgaccgcgac	aaccgcatca	gccgcctgct	60
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cgcgcacgac	gatccgggtg	gggtgatgat	cgaggcgatc	aaagaggcac	aggcgatcgc	180
gaacgccgac	aaccgtccgc	tggaattctt	cggctacgtg	ctcggcaccg	atcaggatcc	240
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gacctcaaaa	agcagcagct	tcccgtgacc	cagctcgact	ggagcgccgc	ggggcagggc	480
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gccgcgcgca	acaaaattgc	cctggagcgg	attattcagt	cccatccggg	gctggtgggc	600
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aaggtcgcgg	gcagcggcat	tctgccggtc	atcaataccg	ccattgcccc	taaggacgcg	1680
ggcatcggca	tgataggggc	gggcatcggt	caccgcgcgt	ttagctgttt	tgaaaaggcg	1740
ctgttgacct	tccgcgatcg	ctacttttta	ttaa			1773

&lt;210&gt; 4482

&lt;211&gt; 1011

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4482

aggagtgcgtg	taatgagcca	gaccacggag	aaaaaacgcg	gtttaaccac	gtcggcgatg	60
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attgcctcta	tgcggaaga	gggccaggag	acgcgagccg	caccgttcgg	ccacgcgctg	120
gtgaagctgg	cggaacagcg	accggaggtc	gtaggcata	ctgcggatct	gtcgaagtac	180
accgatctgc	atattttcgc	taggcctac	ccggaacgct	tctttcagat	gggcatggcc	240
gagcagttgt	taatgggggc	cgcgggcggc	atggcgaaag	agggttttat	tcctttcgcc	300
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ggccctgtct	atatgcgcct	gctgcgcggc	aagggtgccg	tgggtgctgga	ccagtacaac	600
taccagttta	agattggcaa	agctgcgctg	ctggaagagg	ggaacgatgt	cctgatcgtc	660
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tacgggatct	caaccacagc	catggtggag	aaaatccggc	gcaggctgtg	a	1011

&lt;210&gt; 4483

&lt;211&gt; 252

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4483

ttcaatgtac	ggtgtgaagg	tgtcctcggt	ggcaaagggt	atgccaccgc	cggccagcgc	60
gaggctgagc	ataagacgca	gacgttagt	ggttatttgt	ggttcaattg	ccacatcgaa	120
agggacgcct	gcttctcaa	actcccagcg	atagggggca	acgtccgggg	aagggcgcca	180
gccgatacac	cgatgagcga	ccagctcacg	gggatgcgc	ggtgcgctgt	gtgtcgccag	240
ataggaaggt	ga					252

&lt;210&gt; 4484

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4484

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cgactggacg	cctcgggtgg	ggcggtattt	aaggaagcta	ttgcccgggg	gattgggggtg	120
gatcgtaaag	ccctgatagt	cgatttcagc	aaaatcgatt	ttatcgacag	cagcggcctt	180
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ctgaaccccg	gtatacgcaa	catgttcacc	ctgaccgta	tggatcgcat	atttcgcatt	300
tgcccggatc	gcgctacggc	actttcgc	ctaaatcagt	ga		342

&lt;210&gt; 4485

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4485

agagaggtgc	ccatgagcgg	taagcgttat	cctgaagagt	ttaaaattga	agcagtcaaa	60
caggttggtg	atcgtggtca	ttctgtttcc	agtgttgcaa	cacgtctcga	tatcaccact	120
cacagtcttt	acgcctggat	aaagaagtac	ggcccggatt	cttccactca	taatgaacag	180
tcagatgctc	aggccgagat	ccgccgtctt	cagaaagagt	tgaagcgggt	tacggacgaa	240
cgggacatat	taaaaaaagc	cgcggcgtag	ttcgcaaagc	tgtccgactg	a	291

&lt;210&gt; 4486

&lt;211&gt; 411

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4486

aaaccgtttt	tactgatata	agtgaccttc	cagcacgtcc	gccagctgct	gctgcgcatt	60
------------	------------	------------	------------	------------	------------	----

gtccgggtcg	aggtcggtaa	ggaaaccgag	attgccacgg	ttaacaccaa	taaccttaat	120
atcatagcga	gccagcggtc	gcgccgcgcc	cagcatattg	ccgtcgccac	cgaccaccac	180
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caactcctgg	gcaatctgtc	gctcgaccat	cacttcatag	cctttaccac	acagccagcg	300
atacaacatt	tcatgtgtcg	tcaatgcggt	agggtagcgc	ggatggccga	cgatcccaat	360
acacctgaaa	tgattattca	ttttctggag	gtccttgtgc	ctgatgaatg	a	411

&lt;210&gt; 4487

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4487

aacatagggg	gtctgaatat	gtctgcaact	gcactgggta	cagaatttct	gctggcggca	60
gaagagggca	atatcgacgc	gctaaaagcc	tgcttgaaa	aaggcgtgga	tattaacgta	120
accaaccgcc	agaaaagaac	cgccattatt	attgccagcc	tgaaaaagca	ttacgcctgt	180
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aaatacggca	aaaccccgct	cgaactggcg	cgggaaaaag	gcttcaacgc	gatcgcacac	600
ctgctgctgg	cggcaggcgc	gtag				624

&lt;210&gt; 4488

&lt;211&gt; 1650

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4488

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atcgtcataa	aaaagaatac	gtatttcgat	tcggtttcc	taatgtcggg	ttccaccaaa	180
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ccgctgatcg	aagaggtagc	cacccgcctg	acgtcgcagc	agaaatacat	tcgcggcctg	1140
ttctgcggcg	gcacctgtg	cgacgaagcg	atgtttgccc	cgctggagaa	gtttgacgat	1200
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&lt;210&gt; 4489

<211> 990  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4489  
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 cgggaagggc tgccgctgac cccgctggca aactgcgtgg cggataccca ggcgcggcatc 300  
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 gtcacggtcg tcacccaagt ggaggtggat aaaaacgata ccggctttac gcacccgaca 420  
 aaaccgatcg gagcgttctt cagcgaggcg cagcgcgacg agctacagct cgcgcacccg 480  
 gactggcatt ttgtcgagga ttcaggccgg ggctatcgcc gcgtgggtgg ctcgccccag 540  
 ccgctgcgca tcgtcgaggc ggatgcgatt aaggcgctaa cgcagaaagg ttttgtggtc 600  
 atcggcgcgg gcggtggagg cattcccgtg gtgcgcagtg aacagggcga ttaccagagc 660  
 gtggatgcgg ttatcgataa agatctctcc accgcgtgct tggcgcgcga gatccgcgcc 720  
 gacgtgctgg tgatcaccac cggcgtggag aaagtgtgcg tgaacttcgg caagccgaac 780  
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 ggcaggcgcg taatcatcac ctcgccggac tgcttgcccc cagcgcgtcg cggtgaaacg 960  
 ggtaccata ttattaatga aggaagataa 990

<210> 4490  
 <211> 1335  
 <212> DNA  
 <213> Enterobacter cloacae

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 attggtgcag tactgcggtt tatcattgac gaatttcata tcaataattt cgaagccggt 180  
 gccatcgcca gcatgttttt tttgggatac gccctgagcc aaattcctgc gggctttttt 240  
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 ggcggatttg tttccccgat gctggcaggt tatctgctgg ataaaacagg tagttttaat 1260  
 tccgtgttta tttatttcgg tatttgcgca gccattggct taataatgat tatgctgctg 1320  
 gaagagccga aataa 1335

<210> 4491  
 <211> 762  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4491  
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atcgatttaa	acgctgaagc	cagccgggct	gccgccgcga	gccttggcga	cgaacatctg	180
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ctgatggata	tcaaacgcga	aaattacgat	gcggtgcttg	acgtcagcct	gcgcggcacg	360
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gctgcaaaag	cgggtgtgct	ggggctggca	aaagccatgg	cgcgtgagct	ggggccccgac	540
aatgtgcgcg	taaactgcat	cacgccgggt	cttatccaga	cggacattac	cgcaggcaag	600
ctgagcgatg	agatgaaaac	gtccattctg	gcgggcattc	cgtttaaccg	cctcggagac	660
gcgcaggata	ttgcccgcg	cgcgctgttc	ctcggcagcg	acctctcttc	ttactccacc	720
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&lt;210&gt; 4492

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4492

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ccggagtgga	aggggcgtga	ccgttttttg	ctctctcacg	gccactacgc	cattgcctgt	240
tacgcgcgcc	tgattgaagc	ggggatcggt	cctgaagagg	agctggagac	ctacggcgcg	300
gacgacagcc	gcctgccgat	gtccggcatg	gcaacctaca	cgccgggcat	ggagatctcc	360
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cctgaaggag	tgctgtaa					858

&lt;210&gt; 4493

&lt;211&gt; 1185

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4493

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tttgaatccg	tcggtaccga	cggcgacggc	atgaaagtgg	atgaacttga	agcgtggtg	480
gcaactaaaa	ccatcaaagc	ggtttatata	gtgccaaact	ttggtaacct	gggcggcggt	540
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4494  
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 tttgcgctcg atctcgccgc ctgtgaaacg gctaccaaca ttattcgta tgcgctacat 180  
 gaggatccgg aacgttgctt caccgtggag ttcacgttta ccgtctcgga cgcggcgcgtg 240  
 cgttttacgg acgatggcga taaatttccc gctgaacgtc tcgcgccggt gcgtgacgac 300  
 gcgacgttcg atgcctctct tttggctgaa agcggcagag gactgaaact catttttttg 360  
 tatgtcgata atttcacggg gaaaaacgtt gcagggaaaa atatcaccgt tctggagaag 420  
 aggatggtcg gataa 435

<210> 4495  
 <211> 1200  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4495  
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 ctgaaagagg aacctgtatt acaggtggag cgtcgtgatt ttgtcgatct ggtaccggaa 180  
 aaaagaccgc gtgtgcaatc attacgcggc tttgatgact gctataccga tattgtcgat 240  
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 gacaacatgt cgttaatgaa acagcttggc ctgaacaccg atcaaactcg atttaatatg 660  
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 tttgtgatgg gcatgtcgca ctaccacatc gtcaacggaa aaattgttga tgaatgggtc 1140  
 gtgtatgacc acctggcgct gttggcgcaa atcaaactcg gccagatgga ggacgcgtaa 1200

<210> 4496  
 <211> 1296  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4496  
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 ctaagagcct tttgcagca gtttgataag gtcgtcccg cgcagtttga ggtgagcgag 180  
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 gcgattaatc aggtgtgtcg ttttgcgcag gcgcagctgg cgaccatgca gccgctggag 300  
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 ccaggcaacg ccttcgttaa tgaagcgaaa cgccaggttt ttggtcgggt cggcattgat 660  
 gccctcgccg ggccgagcga gattttcact atcgcggacg acagcgccga cccgcgcatt 720  
 ctggccgccg atatgctggc gcaggcagag cacgatattc ataccgcgt cgggctggcg 780

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&lt;210&gt; 4497

&lt;211&gt; 1365

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4497

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&lt;210&gt; 4498

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4498

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gcgcttggtc	cctacagcgc	ggaacaaatg	tatcagttag	tgaacgacgt	tcagtcctat	120
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&lt;210&gt; 4499

&lt;211&gt; 381

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4499

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cgtcaacgcg	ctgaacagca	ggataaaatt	aatgctctgc	tggaaactgat	gaaagctgac	180
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tggaccggtc	agggacgtac	gccaaagcca	attgcgaccg	cactggcaaa	cggtaaatcg	360
ctggacgatt	tcctgatctg	a				381

&lt;210&gt; 4500

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4500

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&lt;210&gt; 4501

&lt;211&gt; 1458

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4501

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&lt;210&gt; 4502

&lt;211&gt; 861

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4502

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&lt;210&gt; 4503

&lt;211&gt; 903

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4503

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taa						903

&lt;210&gt; 4504

&lt;211&gt; 744

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4504

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&lt;210&gt; 4505

&lt;211&gt; 1269

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4505

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gaacattga						1269

&lt;210&gt; 4506

&lt;211&gt; 1209

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4506

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&lt;210&gt; 4507

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4507

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&lt;210&gt; 4508

&lt;211&gt; 372

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4508

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&lt;210&gt; 4509

&lt;211&gt; 2427

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4509

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&lt;210&gt; 4510

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4510

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&lt;210&gt; 4511

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4511

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&lt;210&gt; 4512

&lt;211&gt; 687

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4512

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&lt;210&gt; 4513

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4513

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tga						723

&lt;210&gt; 4514

&lt;211&gt; 1116

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4514

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------------	------------	------------	------------	------------	------------	----

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&lt;210&gt; 4515

&lt;211&gt; 2037

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4515

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&lt;210&gt; 4516

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 <213> Enterobacter cloacae

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 catcgccgcg cgcagctgct atatggcgcg accggattaa tgcattgcat aaccaggat 180  
 ggagagtgga ttgttcctcc acaacatgct gtttggatcc caccgaaac tatgcacgcc 240  
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 <213> Enterobacter cloacae

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 tacaacgggt ctttcagtaa tcagcgtaaa tcgggtatgg gagtggcagc atcattactc 420  
 tccgagcatg gtattgcggt attttcagaa actcagtttg cggagccttg gaactggatt 480  
 gaagaaaggg aatga 495

<210> 4518  
 <211> 309  
 <212> DNA  
 <213> Enterobacter cloacae

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 caccacttca aacttgaata ccttggtaat gtatctgtag gggcttcagg tggacaaatt 180  
 tcttcacctt cagatcttca tcaaaaactc tcaaaaactgg cagacgagaa gggcgggaaa 240  
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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 4520

&lt;211&gt; 999

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4520

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&lt;210&gt; 4521

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4521

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&lt;210&gt; 4522

&lt;211&gt; 798

&lt;212&gt; DNA



## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4522

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## &lt;210&gt; 4523

## &lt;211&gt; 1332

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4523

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aacgtttccga	tgtacaaacg	caagtttgac	gccgcgggcg	ttcaccctga	cgattttaac	180
gagctggcgg	acctgcaaaa	attcccgtgc	accaccaagc	aggatctgcg	cgacaactac	240
ccgttcgata	cctttgcggt	gccgatggag	caggtggtgc	gcattccacgc	ctcgtcgggc	300
accaccggaa	agccgaccgt	ggtgggatat	accagaatg	atctcgacaa	ctgggccaat	360
atcgtcgccc	gttcctctgc	cgccgcggcg	ggcagcgcca	aggataaaat	tcacgtggcc	420
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## &lt;210&gt; 4524

## &lt;211&gt; 963

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4524

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&lt;210&gt; 4525

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4525

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gggcatatcg	gccacagcgc	gacccctgc	ggctgcatta	tccgcgta	tgccgtggtg	300
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gagtatcagg	tgctggtgga	tcgctgtaag	cagacgctgc	atcaggtgga	gccgctgcgg	540
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&lt;210&gt; 4526

&lt;211&gt; 1548

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4526

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gatgccgggc	cgggtcagcg	tgggggacgc	cgtccacgcc	attcgctcgcg	gtctggcaaa	180
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acgccccaga	gtacctttgc	catcgatacc	ggttttatcg	tctacaacga	ccgcacctat	480
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cagcggagct	ggttctgcgg	cgcgtactgg	tacaacggct	tccacgaaga	tggcgtacgc	1500
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<210> 4527  
 <211> 1227  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4527  
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 tccagcgcg cgtttaacgg ggacgagcag gatttgaacg cggctcagca ggcgaaaatg 540  
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 cagcgctatc gcgactacag caaaagcgtc gattttattc agcgctacat ctccccggc 960  
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 cgtttcgttc acgcctggca ggagattgaa aagctcgggt ttgatgaccg tttccggcgg 1140  
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 gtgcagctga ctgcggaacg cgtatga 1227

<210> 4528  
 <211> 3942  
 <212> DNA  
 <213> *Enterobacter cloacae*

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 gcgcgcgctc tgcaaggcgt taagaagggt aaaaatcctg atgcacaaca ggccatttac 180  
 caggaaatgg ccaaagagat tgaacaggcg gcagggaaag ttgtgctgcg tgaagccgca 240  
 cgcccgagga ttacctatcc ggaaaacctg cccgtcagcc agaagaaaca ggacattctt 300  
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 acggagccgg gcggctgcat cggctacaag gtgcgattca gcgaccacgt cagcgataac 540  
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 gaagtctcag gccgaacctc cccggttgaa gtgcgctatc gcccgattgt ggaagaggcg 840  
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&lt;210&gt; 4529

&lt;211&gt; 1062

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4529

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&lt;210&gt; 4530

&lt;211&gt; 1290

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4530

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gtggtgattg	atcataacgt	tggcgcaggt	gtgatcaccg	acgggcgtct	gttgcatgct	780
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ttttccaatc	agggtacgat	ggccggcgcc	gcgctggtaa	aagatgcgat	gtacaacggc	1260
tcgttactga	ttcgtttgct	acaggggctaa				1290

&lt;210&gt; 4531

&lt;211&gt; 699

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4531

gtcatgctta	agcgtttctt	tattactggt	acggatacgt	ctgtcgggaa	gacagtcgta	60
tcccgcgctg	tacttcaggc	cctggcggca	agcggtaaac	gcgttgccag	atacaagccg	120
gttgcaaaaag	gcagtaaaag	gacgccagaa	gggctgcgca	ataaggatgc	cctggttctg	180
caaagcgtct	cgtctctgga	actgccttat	gatgccgtta	atcctatcgc	cttaagcgaa	240
gaggaaaagca	gcgtcgctca	cagtgggctt	atcaactaca	gcctgctttc	tgatggcctg	300
gcaaatctga	gtgaaaaggt	tgaccacggt	gtcgttgaag	ggaccggcgg	ctggcgcagc	360
ctgatgaacg	atttaagctc	cctttccgaa	tgggtggtgc	aggagcagtt	gccggtgatt	420
atggtcgtgg	gcattcagga	agggtgcatc	aaccatgcct	tgctgacggc	gcaggctatc	480
gctaattgacg	gcctgccgct	gattggttgg	gtggcgaacc	gtgttaacct	gggccttgcg	540
cactacgctg	aaatcatcga	tgtgctgagc	aaaaagctgc	ctggcccgtc	ggtggcgcaa	600
ctgccttatc	tgccccgcgc	cgagcagcgc	gaattagcgc	actacatcga	tctctcggtc	660
ttcggcggta	tgctggccgt	aggtcgagtc	gtggcgtag			699

&lt;210&gt; 4532

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4532

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ctgtgcgaaa	tcacgagatg	cttttttgccg	tggctctggc	taaagcgggg	cgcttccgcg	120

ctgctgctga	tcccggcggg	tgtgtccctg	gccctttttg	tctggctgct	cacctgcat	180
ccggccgcca	gcgggagggt	atatgcggcc	tacggcgagg	tgtacgtctg	taccgcgctg	240
ctgtggctgc	gcgttgctga	tggcgccgg	ctaagcctgt	atgactgggc	aggcgcgctg	300
attgcctgt	gcggcatgtt	gatcatcgtg	gccggttggg	gacgcgcata	a	351

&lt;210&gt; 4533

&lt;211&gt; 1254

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4533

atttcctgca	tcacaacgag	cgatgtaagg	aaatggatta	tgaagattgt	cggggctgaa	60
gtttttgtca	cctgcccggg	gcgtaacttt	gtcaccctta	aaattacgac	tgatgaaggc	120
attgtcggcc	tgggtgatgc	cacgcttaac	ggacgtgaac	tttccgttgc	ctcttacctg	180
aaagatcacc	tgtgccctca	gctgattggc	cgcgatgcgc	accgcatcga	agatatctgg	240
cagttcttct	ataaaggcgc	ttactggcgt	cgtggtccgg	tcaccatgtc	agcgatttct	300
gccgtggata	tggcgctatg	ggacattaag	gcgaaagccg	cgaacatgcc	gctctatcag	360
cttctgggcg	gggcttcccg	ggaaggggtg	atggtttatt	gtcacaccac	cgggcacacc	420
attgacgacg	tgctggaaga	ttatgcccgt	cataaagaga	tgggcttcaa	ggcaattcgc	480
gtgcagtgcg	gcgtgcgggg	aatgaaaacc	acctacggca	tggccaaagg	caaagggctg	540
gcgtatgaac	ctgcgaccaa	gggcgcctgg	ccggaagagc	agctgtggtc	caccgagaaa	600
tacctcgact	tcacgcccc	actgttcgac	gcagtgcgca	gccagttcgg	tttcagtga	660
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agtattgaag	attaccgcct	gttctggatg	gaagatccga	ctcccgctga	aaaccaggag	780
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gacaagccag	ggctgggcat	tgagtttgat	gagaagctgg	cagcgaaata	cccgtacgat	1200
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&lt;210&gt; 4534

&lt;211&gt; 1437

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4534

gagcctgcga	agacaggctc	taagtggtag	gcattcttacc	tttcagagat	agccattatg	60
actcaagcac	aacctcaaag	aagtagctca	gatttggtag	aagccgccgt	atctggctgg	120
ctgggcaccg	ccctggaatt	tatggatttc	cagctctact	cccttggcgc	cgcgctgggtg	180
tttcatgaaa	ttttcttccc	tgagcaatcg	gcggccatgg	cgctgatcct	ggcgatgggc	240
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gccgaagcgc	cgcataaaga	agcggtagcc	tacggcgcgcc	tctcttcacg	ccgctag	1437

&lt;210&gt; 4535

&lt;211&gt; 1476

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4535

cgagtctcaa	tcatggaaaa	ccagttatta	caggcgaagg	caacgcgtcc	tcagtacgat	60
cgcgacagcc	tcaaggcagc	cattgttcat	ttagggtttg	gcgcgtttca	ccgcgcacac	120
caggcgggtg	acaccgatat	actcgccgca	gaacagggca	gcgactgggg	ttactgcgaa	180
gttaacctga	ttggcggcga	acagcagatc	gccgatctga	aggcacagga	taacctttat	240
accgtggcag	agatgtctgc	cgatgcgtgg	acagcgcgcg	tggtcggcgt	cgtcaaaaac	300
gcgctgcatg	cgcaggtcga	cgggctggaa	accgtgttgg	cggcgctgtg	cgagccacag	360
gtcgccattg	tttccctgac	catcaccgag	aaagggtatt	gccattcccc	ggcaacagga	420
caactgatgt	tcgatcatcc	gttaatcggt	gccgacctgc	aaaaccccca	tcagccgaaa	480
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tgcgccctac	cgcgcgctgt	tgacggcgaa	ctggccgact	ggattgaagc	gaacgtcacc	660
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ctcgggtgtg	cgggctggat	gcgttatgtc	ggcgggtgtg	atgagcaggg	taacccgatt	1260
gaggtgagtg	accgcagcgt	ggcgggtgatt	caggcggcgg	taaaccggtag	cgtgtaaggc	1320
gaaagccgcg	ttaatgcgct	gttgggcatt	gaggtatttt	tcggtaacga	gctgccgaag	1380
gacgcggtgt	ttgtggcgtc	ggtcattgcag	gcttatcaga	cgttgctgca	aaaaggcgcg	1440
aaggccacgg	ttgctgagta	cgccacccgg	ctttaa			1476

&lt;210&gt; 4536

&lt;211&gt; 2148

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4536

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ctcgcgctac	aggcgcagga	taaggccact	gaggcctctc	aggggaccca	ggaatcgctt	180
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accggcagcg	gtgacggaaa	gaatgtcgcc	tcggccagcc	agcccgcgac	gccgctggtg	300
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gtggacgcta	ttccgcttgg	cacctcgacc	accgcgctgg	acatcaaac	cggtaaaagt	1140
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atgtatactc	cgccgaccac	aaaggcgcaa	ggcacgctaa	cctatcctga	tagcgtggc	1560
ggcgtacagt	gggggtgggg	ggcgttcgat	ccgcaaaaac	agatcgccat	cgtcaacacc	1620
tcgcatatcg	tccagtacgt	gaagctctac	agccgcgaag	attacgataa	cgcagacaaa	1680
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gcgctggaca	tgcatacggg	cgatgtgaaa	tggcgtcgtc	cggttggcgc	ctcccagcag	1860
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gtctatgaat	ataaaggctc	ccagtatgtg	gccttcgtgg	caggcgggaa	tacgatcctg	2100
aaggatcagg	tgggcatca	gggtgtgggtc	tacgccttgc	cggaataa		2148

&lt;210&gt; 4537

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4537

ggaacaacaa	tgaaaaagag	ggctgggtgta	ctcacccgtg	ccgtcgtcgc	gctgctgtca	60
ggctgcacgc	cgcgcattga	agtggcagcg	cccaaagagc	cgatcaactat	caacatgaac	120
gtgaaaatcg	agcatgaaat	ccatatcaag	gtggataaag	acgttgaagc	cctgctgaaa	180
tcccgcagcg	atctgttctg	a				201

&lt;210&gt; 4538

&lt;211&gt; 594

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4538

gaaggggcta	cataccgaac	acctcggggc	gatgctggca	gagatgcagt	atctccagcg	60
cgtttacccc	ggccagcagt	ggtaaaggag	gacgccatgc	aacgcctcgt	cgacatcgcg	120
cctgcacaaa	tcccgcagat	ttgggcgctg	ttaagccaga	tccccgaccc	ggaagtgcgg	180
gtgctgacca	tcaccgacct	gggcatgggt	cgcagcgtga	aggcacaggg	ggaaggctgg	240
gttatcgggt	tcacgccaac	ctattcgggc	tgccggcaa	cggagcatct	gctgggggcg	300
atccgcgaaa	ccctgaccgg	aaacggcttt	agcccggtac	atattgtgct	gcaactggag	360
cccgcctgga	ccaccgactg	gatgaccgac	gatgcccgca	ggcgccgtgc	tgaatatggc	420
atcagcccgc	ctgttggtea	tagctgccat	gccacgttc	ccgcggagg	gagctgccc	480
cgctgtgcga	gcaccgatac	ctcgcttata	agtgaatttg	gatccacggc	ctgcaaagcg	540
ctctaccgct	gcaataacct	ccgtgagccc	ttcgactatt	tcaaattgtat	ttga	594

&lt;210&gt; 4539

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4539

tgcgaagggg	atggcatgag	cgaactgatt	gttaccgcgc	atggccgcgt	gttgacagcta	60
acgcttaacc	gtccggcggc	gcgcaacgcg	ctcaacaatg	cgctgctcct	gcaaatcgcg	120
gagcagcttg	aggccgccgc	cgcggatgct	gagatcgccg	tctgctgat	gtacggcaac	180
gaacgctgct	ttgccgcgg	ggccgatctc	aacgaaatgg	cggagaaaga	cctgcccgc	240
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attgccgcgg	taaacggctt	cgcgctgggg	gcaggctgtg	agctggcgct	gctctgcat	360
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ccgggcgcag	cgggcaccga	gcggctgata	cgcagcgtag	gcaaactcgt	ggccagcaaa	480
atggtgctga	cgggcgaaag	catcacggcg	gtgcaggcgc	acagcgccgg	gctggtcagc	540
gacgtctatc	cggcctcgct	gacgctggag	tacgccttga	agcaggcagc	gctgatggcg	600



cgccattcgc	cgetggcgct	acaggcgggc	aagcaggcgc	ttcgccagtc	gcaggaagtc	660
ccgcttcagg	ccgggctggc	gcaggagcgt	cagctgtttg	cgctgctcgc	ggccaccgac	720
gatcgccggg	aagggatcaa	cgctttttta	caaaaacgca	ccccagactt	taaaggacgc	780
taa						783

&lt;210&gt; 4540

&lt;211&gt; 1581

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4540

tcaagcaggc	gatcaacgcc	gccgaaacca	acaccctcga	cgcccagctt	gatctggagc	60
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tggcaaaacg	cgcgcggaac	tttacgggga	aataatatgg	tgaatatcca	tacggtcgcc	180
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agaagtgacg	gtgtcacgga	aattgacgat	ctgttgctga	tcgaaacgca	gggtgagacc	1140
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gatgtggccg	tgatagccgc	cgaccccggc	aaccgcgacg	ccgccacgca	gaaaggcatt	1260
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&lt;210&gt; 4541

&lt;211&gt; 1290

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4541

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&lt;210&gt; 4542

&lt;211&gt; 1986

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4542

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ccataa						1986

&lt;210&gt; 4543

&lt;211&gt; 948

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4543

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&lt;210&gt; 4544

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4544

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gagcgtctgg	aaaatctgac	cggcgagcgt	ccggcggggc	gggtcatgct	tctgactcag	300
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&lt;210&gt; 4545

&lt;211&gt; 963

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4545

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tga						963

&lt;210&gt; 4546

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4546

acgaacatga	caaaactcac	cctacaagag	cagatgctga	aagcgggctt	agtcagcagt	60
------------	------------	------------	------------	------------	------------	----

aaaaagatgg	ccaaggtcca	gcgcacggcg	aaaaaatccc	gcgtccaggc	tcgcgaggcg	120
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tggtaa						546

&lt;210&gt; 4547

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4547

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ctgtaa						846

&lt;210&gt; 4548

&lt;211&gt; 984

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4548

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cccatgctgt	cgatggacaa	ttaa				984

&lt;210&gt; 4549

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 4549  
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 ttatttgatg aaaccctgac gacaatgaaa attgccgggc tgacgaccct ggctcgcgggt 360  
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 gcagcagttt ga 432

<210> 4550

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 4550  
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 acgcccgcgc atctggacgc tcatccctgc attgcctacc agtttgccga cggtaaccac 180  
 tatcaatggg agcttgtgca ggatgggaag cgagtgaact accgtccgga ggggcaatgg 240  
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 gtcccggttg agctgatggg tgacgatccg gagcgtggca cgcttatacg cgttttacag 360  
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 gcgctgagag cgggtgattga tacgctgaaa atttag 456

<210> 4551

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 4551  
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 ggcaacgtac gcgatgaaat catcaagctc agcaaagagg ggaaatatga cgttattgtt 360  
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<210> 4552

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 4552  
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 tttatcgctc gtgaggccat gacgggcctc gaggggtatg aagtaaaaaat caaactcctg 180  
 taa 183

<210> 4553

<211> 2646

<212> DNA

<213> Enterobacter cloacae

<400> 4553  
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 cctgttgtaa cgcgcacgcg gtttgaagaa agcccacggc tcacgcgcca cgccctgatc 180  
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&lt;211&gt; 348

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4555

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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;211&gt; 513

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4558

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&lt;210&gt; 4559

&lt;211&gt; 483

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4559

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&lt;211&gt; 1668

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4560

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&lt;212&gt; DNA

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&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4562

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 <212> DNA  
 <213> *Enterobacter cloacae*

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 cacagcgacg gccttaatgc cgagcaggtg cgctcgtgga aaacgggtga agtgaagga 180  
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<210> 4565  
 <211> 939  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4565  
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gcggataata	accaggttga	tgcattggga	aatgaagcag	cgcttcgcaa	ctccattatg	360
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&lt;210&gt; 4566

&lt;211&gt; 348

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4566

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&lt;210&gt; 4567

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4567

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&lt;210&gt; 4568

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4568

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taa						783

<210> 4569  
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 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4569  
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 gtgctgggga ttgccaccat tgtgctcacc atcccgtcaa ttgcgctttt cggcctgatg 240  
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 gggattcgat aa 672

<210> 4570  
 <211> 1503  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4570  
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<210> 4571  
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 <212> DNA  
 <213> *Enterobacter cloacae*

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&lt;210&gt; 4572

&lt;211&gt; 996

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4572

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&lt;210&gt; 4573

&lt;211&gt; 1209

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4573

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&lt;210&gt; 4574

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4574

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&lt;210&gt; 4575

&lt;211&gt; 1041

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4575

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<210> 4576  
 <211> 2502  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4576  
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<210> 4577  
 <211> 2037  
 <212> DNA  
 <213> *Enterobacter cloacae*

<400> 4577  
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 aacgcactct tcaaccagct tcctttctcc attttaccac cgcccacaaa 240  
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 gatcctcagc agtacgcttt tatcaaagaa ggcgataagg cgcgccgactc ggttaaccgc 360

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cttagacagg	cgcaggataa	tggcgatatc	aaagtgaccg	gcgatgccgc	aaaactcgat	1980
gccatgctcg	gttacatgga	taaatttgaa	ttctggttta	acattgtgac	cccgttaa	2037

&lt;210&gt; 4578

&lt;211&gt; 1158

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4578

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gggctggccg	tgaacctgcc	gtggctcgcc	tttgtgaatg	ccagctttgc	ccttatggtc	180
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cggcagatga	tagacgcctc	catgctgggc	gtggtgatcc	tttccgtggc	gctggtgatc	300
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gatcgggtgtg	cgcgttaa					1158

&lt;210&gt; 4579

&lt;211&gt; 438

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae



<400> 4579  
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 acgcgggcaa tctgcttgcc cgctgccgtc gaaccggtaa agcttacttt ggcaatgcgc 180  
 ggggtgcgag ttagcgccgc gccacagacg gcgccactac cggtcaccac gttgaacacg 240  
 ccatccggga tccccgcctc gctcgccagt tccgccaccc gtaacagggt gagcggcgtg 300  
 gtttccgagg gtttgatcac gatggagcaa cctgccgcca gcgcgggcat tactttccac 360  
 atgccaatca tcagcgggaa gttccacggc acaatccccg ccacgactcc caccggctct 420  
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<210> 4580

<211> 951

<212> DNA

<213> Enterobacter cloacae

<400> 4580  
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 ctgagcacgg tgaccgcgcg aggcgttaac ctttttcgca cccgtcagga gatcaaaaac 240  
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 cctaccgtac agctgagcta ccgactgcta caggagagca tgggcaatgc cgatctcagc 540  
 gccagcgaaa gcgaagcggc gctggaggcg atggtgtgtc tgctgcgtcc ggccttccag 600  
 cagcaacacg aggtgctgcc gcgcaaggag cgtcagttcc gccacgttct gtccctgatt 660  
 gatgatcata ttcagtcaga ggcgttaaga ccggagtgga tagcttcaga gagcggcatg 720  
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 aagaaccgtc gcctcgattt atgcgctcag gcgctgcgtt ccacagcgca tgacgaaaa 840  
 ctggcgggca ttggctacag ctggggcgtt accgaccata gccatttttc caccgccttt 900  
 aagcagcgtt tcgggggttt gcggggcgaa taccgtaagc gttaccgcta g 951

<210> 4581

<211> 1020

<212> DNA

<213> Enterobacter cloacae

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 gactttctgc tgactgaaaa gacggctaaa accgctcacg gctgcgaagg cgtgtgtatc 180  
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 aacttctctc tggaagggct gaccggcttt accatgtacg gtaaaaccgc aggcgtgatc 480  
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 aataccagcc gcggtggact gatcgactct caggccgcta tcgaagcgct gaaaacgcaa 780  
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<210> 4582

<211> 840

<212> DNA

<213> Enterobacter cloacae

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aaccagatgc tctttttcct tgcagaaggc ttccgcgtca tcgcctcga ccgtcgtggt 180  
catggtcgtt ccgatcaggt aagtgaaggc catgatatgg atcattatgc ctccgacgcc 240  
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gcggtactgg tcagcgccgt tcttccgctg atggtaaaat cagacacgaa ccccgcgga 420  
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cccgtccttg tggtgcaggg tgatgacgat caggtcgctc cctataaaaa tgcgcgcctt 720  
ctacaggata agctgctcgc aaacagcgaa ctcaaaattt atccaggctt cccgcatggg 780  
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<210> 4583

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 4583  
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aacgttgcgc ccggtacca aagtgtgctg ttaagcgaac gtgacaaaca actgcacctc 180  
gatccggtat tctggggcta cgcgcctgga tgggtgggaca aagcaccact gattaacgcg 240  
cgtgtagaaa ccgcagccac cagcagaatg tttaaacctc tttggcagca tggccgggag 300  
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tttattcatc gggccgacgg gcagccgata ttcattggcg cgatcggcag tacgccgttt 420  
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cgacaggatg ttggcgggaa aaaacgggaa gagatcattg ccgacgggtac agtaccgcc 600  
gacgagttta tttggcatgc tgtaactcgc gccgtgggga acgtgaagaa tcagggggcg 660  
gagttaatcg aggtggctca taaaatggaa aaataa 696

<210> 4584

<211> 852

<212> DNA

<213> Enterobacter cloacae

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accgaactgg cactaaacgc catgcatatc gccgttgcta cctctacatc ggtgatgata 240  
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gattgtttgt tgcgtaaggg ttttctcgga ggaagtctc tgctgcgctt gtcatttcct 480  
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gcttctaate cgctttccct gccgctcgcg ctatgtggtg ccgtgacgta tgcagttatt 660  
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atgttggtac taacaggctg ggcaggaata gtttttagcc gtcgggttat acctgctgta 780  
cctgatattt ggcacgcacg aatctatgtc atgctgctgt tctggtggtt actggcgatg 840  
ctatttcagt aa 852

<210> 4585

<211> 609

<212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4585

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aacaatgccca	gcgtgatgcg	ctactggttt	gaagagcctt	atgaggcggt	tgtcgagctg	180
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gaaggtgaaa	aagccgggct	ggttgaactg	gttgagatca	accacgttca	ccgtcgggcg	300
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gaactgatcc	atgagttctt	tattaacggc	gaataccgta	acaccatacg	catgtgcatt	540
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gcgcagtaa						609

## &lt;210&gt; 4586

## &lt;211&gt; 2325

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4586

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gccataggat	ctctggcgct	tgccgcgggt	gggatcgcat	taccttttgg	tctgaaaagc	120
gccgcgcggc	ctgtgcagtc	cgctattcag	cccgcagaag	ataaagtcgt	ctggggcgcc	180
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ctggacacca	tcgccgcgag	tctgaaaagc	gtggtcgaaa	aatacggcaa	cgaagcggtc	480
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1813

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 <211> 621  
 <212> DNA  
 <213> Enterobacter cloacae

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 gcctattacc tgtcgattgc ctgcaaccac tgcgaagatc cggcctgcac caaggtctgc 240  
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 aaaaaacacg gccagcttgc tgccgtcgcg ccgctgccgt ctgcgcactt cacaaagccg 540  
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 gcaaaccgga aggaggtgtg a 621

<210> 4588  
 <211> 723  
 <212> DNA  
 <213> Enterobacter cloacae

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 ccccgctggg gctcggctctg gcttgatcgc gactcagtcg tgtttggcga ttcgaccctc 420  
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 taa 723

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 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

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<210> 4590  
 <211> 738  
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 <213> Enterobacter cloacae

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&lt;210&gt; 4591

&lt;211&gt; 912

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4591

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&lt;210&gt; 4592

&lt;211&gt; 1338

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4592

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<210> 4593  
 <211> 843  
 <212> DNA  
 <213> Enterobacter cloacae

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 tag 843

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 <212> DNA  
 <213> Enterobacter cloacae

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 ggccaacgcg acgcggcggc tatcattgcc atactcaacg aacggttccc ggaagccggc 360  
 ggcgtggatg acgacgtcgt agaattcctg caaatcgctt atcaacagaa gtggattatt 420  
 ttccgtgagc cagaataa 438

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 <212> DNA  
 <213> Enterobacter cloacae

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&lt;210&gt; 4596

&lt;211&gt; 666

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4596

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&lt;211&gt; 1299

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4597

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&lt;210&gt; 4598

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4598

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&lt;210&gt; 4599

&lt;211&gt; 897

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4599

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&lt;210&gt; 4600

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4600

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708

<210> 4601

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 4601

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<210> 4602

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 4602

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<210> 4603

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 4603

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<210> 4604

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 4604

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&lt;210&gt; 4605

&lt;211&gt; 1416

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4605

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&lt;210&gt; 4606

&lt;211&gt; 1065

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4606

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&lt;210&gt; 4607

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4607

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taa						363

&lt;210&gt; 4608

&lt;211&gt; 1038

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4608

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&lt;210&gt; 4609

&lt;211&gt; 843

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4609

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&lt;210&gt; 4610

&lt;211&gt; 1185

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4610

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ctcgaggcgc	gacgcgaagc	agcctgtagt	gatatgaaga	tcggtcagct	tcagtttcgc	1140
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&lt;210&gt; 4611

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4611

caacaggaca	gattccgcat	gactgacaac	aataccgcat	taaagaaagc	tggcctgaaa	60
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gattgtggca	aggtcattga	atttagcgat	gattccattg	aatcgcgcca	gcgtgaaatc	360
gccgccgcgc	atggcatccg	cctgaccaac	cacagcctgt	acctgtacgg	tcactgtgct	420
gaaggtgatt	gccgcgaaaa	tgaacatgcy	cacgacgcaa	aataa		465

&lt;210&gt; 4612

&lt;211&gt; 240

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4612

aggaggcgta	tagcgccgtg	attaaaactg	cggaagaatc	ccccggagaa	aattgaagct	60
ttcaagagcg	tgctgaatgt	gttgaaaaaa	gagaaagcgc	atgagcagtt	tgcgacgcag	120
gaaaatgttc	gcgtgatgga	ttaccaggcc	tgtatccagg	cgcggaaaac	cggtaacgat	180
caggaagtgg	cgaagcgttg	cgataagatc	tggaacgaga	tacgcaataa	caataaataa	240

## &lt;210&gt; 4613

## &lt;211&gt; 425

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4613

aaattgactc	catgtacaac	ctgcgcgtgt	attcacgcat	cggtcgtcgt	aacccgctct	60
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gcctgagcat	ttcgttccca	acgctgcgtt	tctctgaaga	gcgtcttcat	gaatatgtgg	360
cgatcctgca	taccgcagcg	cgcaaaaatt	cagagcagat	gggctataac	gattatccgt	420
tctga						425

## &lt;210&gt; 4614

## &lt;211&gt; 356

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4614

actatggcga	catttcatat	cagctttaaa	aaattacgaa	gatcagaagg	taaattcttcg	60
gtttatttat	ctgcatatca	aaaccgagaa	aagacaaaag	ataatcgaac	cggggcaacc	120
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## &lt;210&gt; 4615

## &lt;211&gt; 303

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4615

atgagatata	tacatatgtc	tgaatatatt	aaagtatttc	tggcgttatg	ctcttttgtt	60
ttcactggta	cgctcgccca	tgcgccaggt	tcaggtagca	tcacctttac	cggttcgggtg	120
aacagtgaaa	cctgtgcggc	ggtggtaaat	aacggtaatg	cagatgcgac	agtaacatta	180
cccgcctgac	cgacatcagc	attaagtgca	gcaggagcga	cagcgggggc	aaccacattt	240
acgattaatt	taacgggctg	tgagttttat	ccaagcgggg	cgaagggtcca	gcgctacttt	300
caa						303

## &lt;210&gt; 4616

## &lt;211&gt; 459

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4616

attatgttgt	ctgccgcgcg	tggtgaagac	cagatgaaca	tcccgtatcg	ctttgccgat	60
aacggcggtg	cgcttgaagt	accggcagat	aaagtgcacg	agcttcgcct	gcgtctcgcc	120
cagcaggggc	tgccaaaagg	cggcgcggtt	gggtttgagc	tgctggatca	ggaaaaattc	180
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cctggccgtg	cgctgggtttc	cggcggggta	atgcggctcc	acgaaagccc	catcatctgt	420
tccaccagcg	ccgccacgtc	gtgcccggca	agacgataa			459

&lt;210&gt; 4617

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(58)

&lt;400&gt; 4617

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gatccgtcgc	gcgtgaagat	gctttgtgcg	ctaattggacg	ggcgtgcgtg	gacggccact	120
gaactgagtg	cggcggcgaga	cggtgcgccg	tcgaccgccca	gcgggcatct	tgcccggctg	180
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&lt;210&gt; 4618

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4618

cgtttactgg	gcaaaaaaga	gcccacggta	aacgcaccgg	ttcgtggatt	atatatgtgg	60
ggtggcggtt	ggcggggtaa	gacctggctg	atggacatgt	tctaccagag	cctgcccggc	120
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cagccggata	gaatgatata	tggt				744

&lt;210&gt; 4619

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(97)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(98)

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<400> 4619

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nggtccggca	ggccatggcg	180
gcgctacact	atgtgcccaa	ccgtggcgcg	cagcagctgg	ccgggaaacg	cacccgcacg	240
ctggggctga	tgaccagcga	tctggcgcta	catgcgcgt	cgcaaattgg	ctcaggtctt	300
cacctcgagg	ggagccggaa	ccgcgaaagt	actntntaa			339

<210> 4620

<211> 426

<212> DNA

<213> Enterobacter cloacae

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<221> unsure

<222> (7)

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<221> unsure

<222> (58)

<400> 4620

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ctgctggttt	ccggcattgt	ggttaacgcc	cttgccaccg	ggatgtatat	cggcgcgggt	180
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ggagcgtttg	gcgtttggaac	cggtgctgtat	gcattaacca	tcggcccgt	gatccagctc	360
tgtttgccgt	ggtttcgcca	gagaccgcgc	attcagaaag	ctgcacagcc	ggagcggatt	420
gtttaa						426

<210> 4621

<211> 385

<212> DNA

<213> Enterobacter cloacae

<400> 4621

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ctttgctgca	cacggaaata	gcatggagcc	agtgatcgct	gatggctcta	ctgttgccat	180
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gaaaagggtta	aaaatcctct	acagatctgg	gccagataag	gtgacaatca	gaagctataa	300
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gttttggtga	tcaacaattt	tctga				385

<210> 4622

<211> 1290

<212> DNA

<213> Enterobacter cloacae

<400> 4622

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ttcgctgcaa	aaggcgaggt	gatcaccgcc	aaatgggtgg	aagcagaaca	gctgttcggc	180
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cgtgcccaac	cgggtgggcg	actgaatgag	aaaatcgaag	gttcttcgca	atctgcgtct	1260
tcaccacg	gggctggaag	gtcatgcgct				1290

&lt;210&gt; 4623

&lt;211&gt; 1028

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4623

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aaatgtaaaa	aagattcttt	aagacggcgt	cataagcaga	aaatattaag	atttatacat	960
aatcaatccg	tttctataac	acgaaagtta	gtcaatcttc	acgacggggc	tgaaggaaaa	1020
cgcgctac						1028

&lt;210&gt; 4624

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4624

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gtatctaaag	gtatcccagc	taacaagatc	tccccacgtg	gtatgggcga	atctaaccaca	120
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gcataa						246

&lt;210&gt; 4625

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 <212> DNA  
 <213> Enterobacter cloacae

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 ccggtactgg tcaacggctg gattgagaaa cacattaatc cggccctggt aaaccggatg 240  
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<210> 4626  
 <211> 198  
 <212> DNA  
 <213> Enterobacter cloacae

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 ccggcgagtc ntgggaggag ggagtttagg gtattggaga tttttatccc gtccgcggca 180  
 agcgccctgct gggtatga 198

<210> 4627  
 <211> 822  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4627  
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 ctggaactga tccagggcac gccgcaggaa atcgaagtgc tgatgcataa cggcggggcc 300  
 gatatcggt tgcaccagtga acggctgagc aacgacccgc tgcgtggtggc gttcccgtgg 360  
 ttccgctggc accacagcct gctgttacc gccgatcacc cgtgaaatca ggtttcgccg 420  
 ttgacgctgg aagagatcgt caaatggccg ctgattacct accggcaggg cattaccggg 480  
 cgctcgcgca ttgatgaagc gttcaagcgt aaagggtca cgcggacgt ggtgctgagc 540  
 gcgcaggatt ccgacgtgat caagacctac gtcgagttag ggctggggat tggcctggtg 600  
 gccgagcagt ctggcggaga atatgaggcc ggaaatctgg tgcgtctgga tacgcgtcac 660  
 ctgttcgatg cgaataccgt ctggctgggg ctaaagcgcg ggcagcttca gcgtaaatac 720  
 gtgtggcggt ttattgagct atgcaacgcg gggctgtcgg tggatgagat caaacgccag 780  
 gtgatggagc cggaagaggt ggcgattgat tatcagattt ag 822

<210> 4628  
 <211> 219  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4628

gatacgggtcg	agtcgatggt	ccggggcatta	cgtaccggga	actatagcgt	cgtgattggg	60
tggttgccctg	aggatctgtc	gcaagaggaa	catttgcgtc	tgactgaagc	ggctgaagaa	120
ggtaacgcga	tgggtttcat	catgcggcca	gttcgtggag	attcctatcg	cagaggacaa	180
catcccgggc	taaaaattca	ctcaaattgt	taccattga			219

&lt;210&gt; 4629

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4629

ataacacaaa	tcttcatgga	gtttatcatg	ttcaaatega	tcattgaccgt	atcactgctg	60
gccgcgcgta	ttgcctctac	cagcgcatgt	gccgcagaca	attcagcggg	tggtatcatt	120
aactttaccg	gcgctattac	cgatacaacc	tgtaccatta	acggcggtaa	aagcgagac	180
tttaccggtg	cgctttcccc	tatttcggta	aaagatgcag	gcaccacggt	tggcctgatc	240
actaagaata	aaaaatctat	tgcgctgact	ttctcaggtt	gttcaccagc	agccggaacg	300
accggcaccc	cgctgaaagt	gtattttctc	agcgcgata	atatttccac	tgacggtaaa	360
tacctgctga	ataacagcgt	gaacgaaagc	gatgccagcg	tggcacgtaa	tgctcggttt	420
gcgtta						426

&lt;210&gt; 4630

&lt;211&gt; 1026

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (1017)

&lt;400&gt; 4630

ggttccgggc	cggcgctgaa	accacggctg	cggttctatcg	gcgctgccgt	cgatcctcga	60
cgcgatcgcc	cacgtgctcc	ggtgaccgcg	cggatcggcg	cgcgcggtgt	ccccgcccg	120
ttcgaccgca	cctcgacgca	ccggcgcggg	atgctggcga	aggtgcatat	cgccaaggtc	180
cagttgggga	tgagcgacga	cgactatgtc	gcggtcctgc	tccgcgcgac	cgggcggaac	240
agcgcgcccg	agtgcaccga	ccgcgagctc	gacgacgcgc	tgcgcgaatt	caagcggtt	300
ggcttcgagc	cacaggcgcg	ctcgccgaaa	gcggcgaaac	cagcggatca	tcctctcgct	360
ctgaaggcgc	gggcgctgtg	gatctcgctg	catcacctgt	gcgcgatcgc	cgacccgtcc	420
gaaaaggcgc	tggaggcctt	cgcgcggcgc	cagctcggtt	gcgatcggtt	ccaatgggcg	480
aaccagtgcg	agggccaccg	cctgatcgag	gcgctcaagg	cgatcgccgc	gcgtcacggc	540
tggaaacctg	ccatggatgg	ggtgaagcct	gaggcggtgc	tgatcgtcac	caagcggcg	600
ctggtcgacg	cgatcgcccg	ccaagctgcg	cgcgcgcgac	atcggtcccg	acgggtggag	660
cgagcggaag	atcgcaaggc	agctgaccgg	gatcgaggtc	gactcgatcc	tggtcgcaac	720
cgacggggaa	ctggaccgca	tcgccacggc	gccccggcgc	caagctgcgg	gcggcgatgg	780
aggccggggg	atgatcgcg	ccgccacccg	cggatatgtc	gtgctgtatc	gcgcgccgca	840
gctctgcccc	ggatgtggcc	gctcgcaact	gctggtcgga	cggttctcgg	cggaatgcgc	900
atggtgccac	ctcgcgctgc	cccttgcgcc	ggcgtgccg	gagcggatcg	cggcattgac	960
accagaccc	agatcgcttc	gcggaaacgaa	cagattgagg	agttggccgc	gaggccngtt	1020
tttttag						1026

&lt;210&gt; 4631

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4631

tgctgtcttc	gtgtcctcgc	tgctgcgcgt	cggcctgctg	tttttttggc	gcgtgtgctg	60
gtcgagcgct	ttccgctgtg	cctcggtttt	ctgggcctgg	tttccttcgg	ggctgggtggc	120
ctgtatatag	gcctgcgtac	tattccggtc	atttttgaca	tcattaaaga	cgtggaggac	180
atctgcccg	acgcctgggt	gattaacttt	accaaccggg	ccgggatggg	caccgaggca	240
gtctatcgcc	ataccgggtt	caaacgcttt	atcggcgtct	gc		282

<210> 4632  
 <211> 345  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4632  
 atcgcgtttc ctgccagtcg cgtcgggtta agacacttga aggtttccgt gattcgggtt 60  
 cttgtatttc cgggtctgca attttggctg gtggatgttg atgatggtct ggagttgctg 120  
 attttttttt ttgttctgtg ctttcgcttg gttgattttg cgggcgtgcc cttttccttg 180  
 cttttttcgc tggttcgtcg cctggctctg tttgatgctg tcttcgtgtc ctcgctgctg 240  
 cgcgtcggcc tgctgttttt ttggcgcgtg tgctggtcga gcgctttccg ctgtgcctcg 300  
 gttttctggg cctgggtttcc ttccggggctg gtggcctgta tataag 345

<210> 4633  
 <211> 687  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4633  
 tttgccaacc agcgcgagcg ccagtcactc tttttctcca ccaccttcga ggtgatgggg 60  
 cacttaacca aatcaaaaagg gcgcgtaacg gaagccgata ttcagggtggc cagcgtcttt 120  
 atggatcgca tgaatctgca cggcgaatcc cgcacgcagc cgcagaatgc gttccggatt 180  
 ggtaaactcag ataactaccc gctgcgtgaa aaaatgcggc agttccgtag catctgtttc 240  
 gggcggtttg atttaattcg gatgtttctg gaaattcaaa tccaggccgc cttcgcggat 300  
 ggttctctgc atccgaatga acgggacgtt ttatatgtga ttgccgaaga gctgggcatt 360  
 tcccgcacgc agttcgacca gtttctgcgt atgatgcagg gcggcgcgca gtttggcggg 420  
 ggttatcagc aacagcactc ctccggcggc tggcagcagg cgcagcgtgg ccctacgctt 480  
 gaagatgcct gcaacgtcct cggcgtgaag ccgtctgacg atgtcacgac catcaaagcg 540  
 gcctatcgta agctgatgag cgagcaccat ccgataagc tgggtggcgaa aggctgccc 600  
 ccagagatga tggagatggc gaagcaaaaa gtcaggaaa ttcagaaagc ctacgagctg 660  
 attaaagagc agaaaggttt taaataa 687

<210> 4634  
 <211> 579  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4634  
 gcgggcgtca acgtcccga cagcgtgttt tatacctctg cgatggcgac cgcggatttc 60  
 ctgaagcgtc aggaaggcaa aaaagcctat gtggttggtg aagggtgcgt gatccacgag 120  
 ctgtataaag cgggcttcac catcacgcgac gtgaaccggg actttgtcat cgtgggcgaa 180  
 acgcgctcct ttaactggga gatgatgcat aaggcagcct actttgtcgc caacgggtgcg 240  
 cgttttatcg ccaccaaccc ggacacgcac ggtcgtggtt tttatcccgc ctgcggtgcg 300  
 ctgtgtgccg gtatcgaaaa aatctcgggt cgtaagccgt ttgttgtcgg taaaccgagc 360  
 ccgtggatta tccgcgccgc actgaatacg atgcaggcac actcagaaga aaccgtcatt 420  
 gtgggcgaca acctgcgtac cgatattctt gctggcttcc aggcggggct tgaaaccatc 480  
 ctggtgcttt ctggcggttt acagcttgat gacattgata cgatgccgtt ccggccaagc 540  
 tggatttacc cctctgtcga cgaaatcgac gttatttga 579

<210> 4635  
 <211> 345  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4635  
 aacgcttgcg cccctcccc tttttgcggc attttcataa gcaagcaaca tcacaacgca 60  
 acagggttaa cggagaagggt tatgtgttct atttttggcg tactggatat taaaactgac 120  
 gcgggcgaac tgcgtaaaaa agcactcgaa ttgtcccgcg tgatgcgcca tcgcggtccg 180  
 gactggtcag gcgtttacgc cagcgataaa gcgattctgg ctcacgaacg tctctccatt 240  
 gttgatgttc acgctggcgc acagccgctg tataacgaga aaaaaacgcc cgcgctggct 300  
 gttaaacggg aaattttacca acatcaagcc ctgccccccg aataa 345

<210> 4636  
 <211> 684  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4636  
 agattaatta tgaaatatca gttcttttgg tcttcaacgc ctaaaatata tgagctttta 60  
 ttaaatctaa caattggaat agctattata aattattttg ttcccactga acaagggaaa 120  
 atagggtttt taataaattt atgcatgttg ttaagttttt taactacttt aggtataggt 180  
 ccagttttct caaattttgt aagcagatca aataattaca atctaatttc aggaaagtgc 240  
 aaggatagta tttcgcttcg cttttgtggc tatattgtat ttttagttat atcttttttg 300  
 cttattttata taataaagcc caatctttta attccttgcta ttcctttttt gctagggaaa 360  
 tttttcttta gcctcgatat ttattataat tttgttgaag gtcaggggag atttaaagat 420  
 tatgcaattt caaaattctt ttctttgaca ttaataaatg gcttcagatt gtattgtgtc 480  
 gttcaaaaac ttgatgtctt ttgggtagct gtttcatact ttttaactga cttccttacc 540  
 tttttcatgt attttatctt ttatgataag ttaaagcttt taggattccg ttttaattat 600  
 aaaaaatcgt tagttttatt aaagataaat tataagctcg ctctgtcttc actacgaagg 660  
 tgccggagcc gcgatatcac atcc 684

<210> 4637  
 <211> 594  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4637  
 cccattgccg gactggtgca ggactatcct attaaatcct gttcgggtgat cgcccatatc 60  
 cgccaggcca atcgcgcgca agtggcgctg gaaaataccc atccggtttac ccgtgaactg 120  
 tggggccgta actggacctg tgcgcacaac gggcagctct cgggctataa atcactggaa 180  
 accggcaatt ttcgtcctgt cggtgaaacg gacagcgaaa aagcattttg ctggctgctg 240  
 cacaagctga ccgagcgcta cccccgtacg cccggcaaca tgaccgccgt ttttaaatac 300  
 atagcgtcac tggcgctcga gttacgcgag aagggcgctt ttaatatgct gctgtctgac 360  
 gggcgctacg tgatggcggt ctgctcgaca aatctgttct ggatcaccgg acgtgcgccc 420  
 tttggcgctg ccacgctgct cgatcaggat gtggaatttg attttcagaa ggagaccaca 480  
 ccgaacgatg tggctactgt cattgcaacg cagccgctga cgggcaacga aacctggcaa 540  
 aagatcatgc caggcgagtg ggcgctattt tgtctcgggg acccgtaat ttga 594

<210> 4638  
 <211> 987  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4638  
 acgttgatct tccagccgcc gtgcgtgaag atcttatttc tggcttcaact gctcttcatg 60  
 gcacctgccg ctttcgcgcg aaccacctgg cccctcacga ttgaaaattg cggcgtaaaag 120  
 cagaccttta cgcaggctcc tcagcgcgtc gtgaccgtgg gtcagcatga aacagaatta 180  
 ctgctcgcac tggggcttga gaaaaccatc gccgcgacgt cagtctgggt cggcacgctg 240  
 ccaccacgcg tggaggatgc cgggaaaaac ctccccggc tggcgatta ttccccctcc 300  
 tttgaggcgg tggtagggca gaaacctgaa ctcgttctcg cgcagtatca ctggcacatt 360  
 ggtccgcagg gagaagtggg aaccctgtaa cagtttgcgt cgctggggat taatacgtgg 420  
 atctcccctg ccgactgcac ggataaaacg gtaacggaaa cctcaaacgc agacggagca 480  
 cgtagcgcgc cgttttcaact ggcggaattt acgcgggaag tgacagatct ggcgacgatt 540  
 tttgatgttt ccgcgcgagg tgagcagctc aatcgtgcgc tggcgaggcg tattaataag 600  
 gcccaggcgc gcgcctccgc gaaacaactt agcgtcgtat tctggttctc cagcagccgt 660  
 ctgaatggcg atccctgggt ggcggggaat tacggcgcg cttggctggat tagccgcacg 720  
 ctgggggttga agaacattat tgactctcac gacgaatggc ccgctgtaac gtgggaacat 780  
 attgcccgat cgcagccgga cgtgattgtt atcgccggga tgtcccgcag gctctatcct 840  
 gccgatgagg ttgaggtaaa aaaagcgttc ttgcgcagtg acccggtgac aaagaacatg 900  
 cctgcggtca ggaacaacca catcatcgtg gtgccagcga tgtcggttaa cccttcattg 960  
 cgtaacgctg atgcggttga gcttatc 987



<210> 4639  
 <211> 222  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4639  
 ggctacacac gtgctacaat ggcgcataca aagagaagcg acctcgcgag agcaagcgga 60  
 cctcataaag tgcgtcgtag tccggattgg agtctgcaac tcgactccat gaagtcggaa 120  
 tcgctagtaa tcgtggatca gaatgccacg gtgaatacgt tcccgggcct tgtacacacc 180  
 gcccgtcaca ccatgggagt gggttgcaaa agaagtaggt ag 222

<210> 4640  
 <211> 1035  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221>unsure  
 <222>(105)

<400> 4640  
 ccaaagcgcc ggccgagcgg cgccatggag ctggacaatg ccaacaacgt gggcggttat 60  
 ccgggttaca gcattaccaa cctcgcgccg ttcctgcaag ccagntatga cattgacgcc 120  
 atcaccctga gcggcggcgt gcgttatcag tacaccgaaa acaagggtga cgattttgtc 180  
 ggttacgccc agcagcaggc aatcgccacg ggcaaagcca cctcgcgtga cgcggtgccg 240  
 ggcgggaaaa ccgactacaa caacttcctg tttaacgccg ggatccttgg acgtctgacc 300  
 gaacagcaac agctgtggtt taacttctcc cagggcttcg agatcccga cctggcgaag 360  
 tactacggct ccggcaccta tcagctggtc gatggtcact atcgtctgca aaacagcgctc 420  
 aatgtgaacg actcaacgct ggacgggatt aaggtcaatg cttacgagct cggctggcgc 480  
 ttacccggcg ataacctgcg taccaggtg gcggcatact actcgtcttc ggataaaaacc 540  
 atcaccatca acaagagcga catgaccatc aacctggagg acgacaaacg tcgtatctat 600  
 ggggttgaa ggcaggtgga ctatttcttc accgacagcg actggagcac cggggcgaac 660  
 tttaacgccca tcaagtccga aacgcgtgaa aacgggaaat gggagaagct gacggtcgac 720  
 agcgccagcc cgtctaaagc cagcgcatgg gtcaactggg cgccgggcca ctggacgcta 780  
 cgcgctgcaga gcacacaaac ctttgacgtg tctgacgccg acggttaagaa gattgatggc 840  
 tataacaccg ttgatttcct gggtagctac gccctgccgg tgggcaaagt cagcttcagc 900  
 gtggagaacc tgctggacaa agactacacc accgcctggg gccagcgcgc accggggctg 960  
 tatagcccaa cctacggcgc accgggtctg tctacttatg tcttctccac gaggcggcca 1020  
 agaatacgca gaaag 1035

<210> 4641  
 <211> 614  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4641  
 cggaacaata aaatacaacg tatgaaaaaa cgtatcccca cccttctgga cacaatgatt 60  
 ggcaccgccc tgtatagcca acaggggctc gcagccgata tcgcctcgca gtgtatgctt 120  
 ggcgtcccaa gttacaatcg cccactgggt aaaggcgata cgaatgactt acccgtcacc 180  
 attaatgccg acagcgcaaa aggttaattat cctgacaatg caacctttac gggcaatgtc 240  
 gatattaacc agggcaacag tcgcctgctt gctgacgaag tgcaattgca ccagaagcaa 300  
 ccggaaggtg ctacggcgcc tgtccgtacg gtggatgcgc tgggtaattg gcactatgac 360  
 gacaatcagg tcactcctgaa aggtccgaaa gcctggtcga atctgaatac caaagacacc 420  
 aacgtctggg aaggtgatta ccagatggtc ggtcgtcagg ggcgcgggtac cgcggacctg 480  
 atgaagcagc gcggcgaaaa ccgctacacc attctcgaaa acggcacgtt tacctcctgt 540  
 ttgccaaggt caaatacctg gagcgttgtg ggcagtgaag tgatccacga ccgtgaagaa 600  
 caggttgacg agat 614

<210> 4642  
 <211> 366  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4642

gtggaaacaa	caaaattatg	gatttcatta	ggcactattg	tcagccctat	tactggaacg	60
tttttcacca	agataattac	gcaatataac	cataaatacc	tgctctggta	taatggagaa	120
tatcttatca	aaccgggtga	taacattaag	gttaacaaca	acggaattgt	tatatcagaa	180
aaattacgga	agattaatat	aatacaaatt	gacaagtata	gcccgcgcgt	ctggcgagtc	240
atgcacaaca	tgtccagctg	ccctggcgat	aaagaacctg	aaaattcatt	ttgtacatcc	300
tccgtccgct	gtattttcaa	aacctgccct	tatggtaaga	aacggagaaa	cgcagtataa	360
cgctga						366

## &lt;210&gt; 4643

## &lt;211&gt; 801

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4643

gactcgggcc	actacaataa	aagtttggga	tggttgatcat	tattcgcagg	caactgtatta	60
ctcagtggtc	gcgattctgc	actactagac	cccaaaggac	agattggact	ggaacaacgt	120
tcattgatac	tgacggcttt	tgccctgatg	ttgattgtgg	ttattcctgc	catcttgatg	180
gctgttggtt	tcgcctggaa	gtatcgtgcg	agcaataaag	atgcgaagta	tagccctaac	240
tggtcacact	ccaataaagt	ggaagctgtg	gtctggacgg	tacctattct	gatcatcctg	300
ttccttgctg	tactgacctg	gaaaaccact	cacgcacttg	agccgagcaa	accgctgggt	360
cacgatgaaa	aacctattac	cattgaagtg	gtctccatgg	actggaaatg	gttcttcata	420
tatccagaac	agggcattgc	taccgtgaat	gaaatcgctt	tcccggcgaa	caactccggt	480
cagttcaaa	tgacctccaa	ctccgtaatg	aactccttct	tcataccacg	tctgggcagc	540
cagatttacg	cgatggccgg	tatgcagact	aacctgcacc	tgatcgcgaa	tgaagcaggc	600
acctacgacg	gtatctccgc	cagctatagt	ggcccgggct	tctcgggtat	gaagtcaaaa	660
gctatcgcta	cgccagaccg	cgcgactttc	gaccagtggg	ttgcaaaaag	gaaacagtct	720
accaacacca	tgtctgacat	ggcggcggtc	gaaaaagtgg	ctgcacctag	cgaatacaac	780
aagggtggag	tacttctcta	a				801

## &lt;210&gt; 4644

## &lt;211&gt; 441

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4644

cctgcaaccg	ggcttttccc	tcagtgggtc	aggtgccctg	gcacaggcgg	cggtgacctg	60
cgacagagtg	gtgcaatttt	gatgaagcgc	gtagcggttg	tttttacttc	tgccgcgcgt	120
ggcagcgctt	caggccggga	agggctggat	gcattgctcg	cgacatcggc	attaaccgaa	180
gatatcgcg	tcttcttttt	agggcgatgg	gtattccagc	ttcttgccag	ccaacaaccg	240
caggccattc	ttgcgcgcga	ctacattgcg	acctttaaag	ttctgcccgt	ctatgacatt	300
gaaaccttct	atgtgtgcgc	cgactcgctg	gccgcgcgtg	ggttaaacga	gaaaacaccg	360
ttcgtgctgg	acgtgacgat	cctgacatct	gctgcgctgc	gcgaacaact	ctctcactac	420
gataccgttc	tgactttctg	a				441

## &lt;210&gt; 4645

## &lt;211&gt; 441

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4645

ataattcccc	cgggttccaa	aagcggggac	ttttcttggg	acaagacaag	taatgcgttt	60
tgcgtaaatg	gtgacggggc	ccggcgtacg	gtaccagacc	gggcccagag	cgcggtacag	120
tttgcccatg	cgctgcttga	tgccgggtcat	gaactggcaa	gcgtcttctt	ctatcgtgaa	180
ggggtctata	acgcgaacca	gtttacgtcc	ccggcgagcg	atgagtttga	ccttgtgcgc	240
gcctggcaaa	aattaaacga	aacgcagggc	gttgacctgc	atatctgcgt	cgcggcgcca	300
ctgcgtcgcg	gcgtgacgga	tgcgaccgaa	gccgaacgcc	ttggctctgg	gggggctaac	360
ctgcaaccgg	gcttttccct	cagtgggtcta	ggtgccctgg	cacaggcggc	gttgacctgc	420
gacagagtgg	tgcaattttg	a				441

<210> 4646  
 <211> 615  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4646  
 cataagttgg atcggcaggc ccgtggtgaa gaattaagga ttattttcat cttactttcc 60  
 gacgtattta atttgatcg tgactcgcat gtaaaatata agcagtccta tcaaaattcc 120  
 atccgcgacc ccctcaccog tctttataat cgcagctatt tctatgattc attaaatcac 180  
 gcgctaaaca cggccacggg gacacatccg gtatcggtgg tctgtgagcga tcttgaccgt 240  
 tttaaagcga ttaacgactg ctacgggtcat ttgcaggggg ataggggttt acagtttgtc 300  
 tcaaacctgt tgaccgattc ggtgcgaccg caggatatcg cggcgcggat cggcggcgaa 360  
 gagtttgtgc tcatgctgac aaatacacccg tccgatgtcg cgcatacagg tgccgaacgt 420  
 attcgcctca agttgagcgg gtttgacaag gccagcagcg gtgggcagct tccggaaccg 480  
 attaccatta gtatgggagt attcaccgct acctcgccgg aaaccagcgc tgaaacctgt 540  
 gtggaaagcg cggataaagc catgtacgag gcaaaagaga cgggcccga cgggtggtg 600  
 gtgttcagaa catga 615

<210> 4647  
 <211> 390  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4647  
 agacgtgctc tgattgacca tcgcctgaaa cctctggaac tcacacagac gcactggggtt 60  
 acgctgcaca acatccatca gcttccgccc gatcagtcac agatccaact ggcaaaagcg 120  
 attggtattg aacagccttc cctggtgcgt acccttgacc agctggaaga gaagggactc 180  
 atctcccagc aaacctgcgc cagcgaccgt cgcgccaagc ggatcaaatt gacggaaaaa 240  
 gcggccccga ttattactga gatggaaacc gtcatcagta aaacgcgagg ggagatcctg 300  
 gccggtatct caccgcgtga gctggagatg ctgatcggac tcatcgcccg tcttgagcaa 360  
 aacatccacg atttacagtc gcgcgactga 390

<210> 4648  
 <211> 468  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4648  
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 ttgcggttgc agcttctcct gtcacgggca acagaagctg gagccggggc aaaagataac 120  
 cttttcagtg tcagttttta cattgccgga agaaaggcaa agtttgaaag aaatgatgtg 180  
 agtgtgatgc atcaaaagat ccgctctttc ttctgacgcc tgtcaaagga gtgcgggtttt 240  
 gccgtttcac cgcaccgttt cagacacact cttgccacgg aactgatgaa agcgcccga 300  
 aggaatcttc aactggttaa agatttactg ggtcatcgta gtgtcagtac aacaatggaa 360  
 tacgtggagc tcaggatgga cattgtggga aaaacactgg aagaagaact gtctctgcac 420  
 acagatctct gtgtagaaag ggaattacaa ctattgacac aaaactga 468

<210> 4649  
 <211> 402  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4649  
 tcttggaaacc ccaatgagtt gctgacgggc aaaacggaat gtaataagtg tgaggaggct 60  
 tcaccgggaa acgtgacgtt gaagaccata gaaggggtcg tacggaatgt tcctttctat 120  
 ggtgaaatcg ccgggagccg ggtaaaaaaa ggtccctggt ggctgattat attaaagcgt 180  
 tggttacaaa aaagcctgac gcggggattc agtcacttca accccgacca gtataatggc 240  
 gcctgtctgt taggattgcy cggcatcgtg attaagagtc atggcgccgc caatcagcga 300  
 gcatttaccg tcgcgattga acaggcagtg caggcggtgc agcgtcaagt ccctcagagg 360  
 attgccgctc gcctgggata tgtattagct aaaagtgact ga 402

<210> 4650  
 <211> 519  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4650  
 gcgtacatgt atacgaagat tttaggtacc ggcagctacc tgccaaaaca agtgcgtacc 60  
 aacgccgatc ttgaaaaaat ggtagatacg tctgacgagt ggattgtcac gcgcacaggt 120  
 atccgtgaac gtcgtatcgc cgcgccagac gaaactgtgt ccaccatggg ctacgaagcc 180  
 gctcagcgag cgcttgagat ggctggcatt gataaagaac agatcgggct tatttgtggtg 240  
 gcgaccacct ctgccacgca tgccttccca agcgcagcgt gccagggtgca gaacatgctc 300  
 ggcatcaaag gctgcccggc atttgatggt gcagcagcat gcgcggggtt cacctatgca 360  
 ctgagcatcg ccgatcagta tgtaaaatcg ggccgcgtaa aatatgcgct ggtgatcggc 420  
 gctgacgtgc tggcgcgtac ctgcgatcca accgatcgcg gcacgatcat tatttttggc 480  
 gatgtcttgc ccagcccgtg gaaaatccgt atttgcgtt 519

<210> 4651  
 <211> 789  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4651  
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 gaggtgatca tgtgggaagt gccgcttctg gccgtgatca gcgagctggc ccaccgctat 120  
 cgctcccctg aaaccgggtg gacgcaggcg gtccgcgctc tggagaataa actcgttgag 180  
 ttttccagac tgaccgaagg gctggatatg tcccgttcc gtctgatgga ctttggcacg 240  
 cgccgcccgt tttctcgcga gggtcaggaa gccattgtca gacgtctgca acaggagccg 300  
 tggttcgttg gcaccagtaa ctacgatctg gcacgtcgcc ttgatttaac gccgatgggc 360  
 acccaggcgc atgaatggtt ccaggcgcac cagcagatta gccctgacct tgccaacagc 420  
 cagcgcgccg ccctcgcgcg gtggctagag gaatacccg ggcctgagtt tattgccctt 480  
 accgactgca ttacctgga cgcattcctg cgcgactttg gccctgagtt tgccgaacgc 540  
 taccagggtg tacgccatga ttccggggag ccggttgaat ggggtgagaa agccatcgcc 600  
 cattacgaaa agctgggtat cgacccaatg agtaagggtg tgggtcttct cgataacctt 660  
 gatctgtcaa aagccgtcga cctttatcgc catttctcat cgcgggtgaa cctgagtttc 720  
 gggattggta cgcggttaac ctgtgatatc cctcagggtg aaccgctgaa catcgtcata 780  
 aaactggtg 789

<210> 4652  
 <211> 522  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (104)

<400> 4652  
 acttctgacc agacagttac caccagaaaa cagcagattg aagaagctgg ctatcaggtt 60  
 tctaagtgtt tcaccgatga agctgtatct ggtggcatta aggntacaga gcgtaaaagg 120  
 ttcaagtacc tgctgaacta tgtccgtgaa ggtgacacgc tgggtgttat cgggatagac 180  
 agattaggcc gtaataccat cgacgtatta tccacggttg agactttaca ggctaaaagg 240  
 gtgaagggtt tcagtctccg tgaagggttc gacctgtcta caccagttgg taaggctatg 300  
 ctactatga tggctggatt agccagtctt gaaaaagact tgatagcaga gcgcagaaca 360  
 gcagggtatta aacgtgctca gtctgaaggg gttcactgtg gcagaccgat taaagcaact 420  
 actgaacagg ttcaggaact gattgcacaa ggttatttcc ctgctcaggt acaggaagag 480  
 ttaggaatca gtaaggcgac tttctatcgt ctgaataagt aa 522

<210> 4653  
 <211> 651  
 <212> DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4653

tgcatgaatc	ttatcagtat	ttccgccttt	caggacaatt	acatctgggt	tttagtcgac	60
gacgatcgca	gatgcatcat	tgttgatcca	ggcgaatccg	caccgatcct	gcacgcgata	120
aaagaaaacg	gctggcagcc	tgaagcgatc	ctacttaccc	atcaccatca	cgatcatgtc	180
ggcgggtgtc	ccgatctcct	tgcgcgctat	cctcatcttc	ccgtctacgg	accggcagag	240
acacaggata	agggtacgac	gcaagttgtc	gaagaaggcg	aaagtatcct	catcctcggg	300
tgggagtttt	ccgtatttgc	tacgccaggt	cacacttccg	gtcatctctg	ttgttacagc	360
aaaccttatc	tgttttgtgg	cgacacgctg	ttttctggcg	gctgtggaag	gctgtttgaa	420
ggcacgccag	aacagatgta	tcaatcttta	caaaaaatta	atgcgcttcc	agccgacacc	480
gtaatttggt	gcgcacatga	gtatacatta	gggaatatga	agtttgctgc	aagcgtgctg	540
cctgaggatc	gggcgattca	ggattattac	ctgaaagtga	aggagttacg	tgcaaaaaac	600
ctaaaaacac	tgcccgtaat	gtcttcaacta	caacgtgcc	ggtcacatta	g	651

## &lt;210&gt; 4654

## &lt;211&gt; 420

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4654

gattcatgca	ttacctctta	tagcgtggcg	ggtgttttga	tgaaccggc	aaggatacct	60
cagactgtcg	caccaccgga	acgttgggca	gagttgccct	gggtgaata	ttatcgcgag	120
gccttagaac	ttcagcttaa	accctggctc	gcgaaaatga	atggttttca	cctgcttaag	180
attggcaatc	tgagcgcaga	aatcaatacc	gaaagctgcg	ctatctcgca	tcaggttagc	240
gtatcgctta	atggctcccc	ggttcaggtg	aaagcggatc	cgatgcattt	gccgtttgcg	300
gaaaaatcca	ttgatgcctg	tctgctcgcc	catacgtgc	cctggtgcag	cgatcccat	360
cgtctgctgc	gggaagccga	ccgccctttg	attgtagttg	tcgaccagcc	ggtagattgg	420

## &lt;210&gt; 4655

## &lt;211&gt; 849

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4655

tcacaggctt	ttgtacgaaa	ttatggctat	gagcttgcac	atcgggtaat	ctgcgcgctt	60
cgcgacgcg	tggtggagaa	aagcatgaac	gacgaaatga	aaaacaaaag	cggcaaggtc	120
aaagtgatgt	atgtccgcag	tgatgatgac	tctgataaac	gcacccaaaa	tccgcgtacc	180
ggaaaagggtg	gcgggcgtcc	ggcgtcttct	cgtgcagacg	gtggccgtcg	ccccgcccgc	240
gatgacagaa	ataaccgcgg	cgatgaccgc	aaacgtgatg	accgtaagcg	tgacgatcgc	300
aaacgcgatg	attttgtccg	cgacgggtga	tcgccatggc	gtaccgtttc	tcgcgcgccc	360
ggtgaagaga	cgaccgaaaa	agccgatcac	ggcggtatca	gcggaaaaag	ctttatcgat	420
ccggaagtgc	tgcgtcgtca	gcgtgcggaa	gagaccctgt	tctacgggtga	gaacgcctgt	480
caggccctgt	tccagagccg	cccgagtggt	atcggtcgtg	catggtttat	ccagagcgtg	540
acccgcgcgt	ttaaagaagc	gctgcgctgg	atggcggcga	accgcaaagc	ctaccacgtg	600
gttgacgatg	ccgagctgac	aaaagcgtcc	ggtacagaac	accacggcgg	cgtctgcttc	660
ctgatcaaaa	aacgtaacgg	cactaccgtg	cagcagtggg	ttagccaggc	ggatgccgat	720
gactgcgtac	tggcgtgga	agatgtgggt	aaccgcata	acctgggcgc	tatgatgcgt	780
agctgcgcgc	actttggcgt	gaaaggcgtt	ctggtgcagg	atgccgcgct	gctggaatcc	840
ggtgcggcg						849

## &lt;210&gt; 4656

## &lt;211&gt; 429

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 4656

atgaaaactt	ttacagctaa	accagaaacc	gtacagcgcg	actggtatgt	tgttgacgcg	60
accggtaaaa	ctctgggccc	tctggctact	gaactggctc	gtcgccgtcg	cggtaagcat	120
aaagcggaat	acactccgca	cgttgatacc	ggtgattaca	tcacgtttct	gaacgctgac	180
aaagttgctg	ttaccggcaa	caagcgtact	gacaaaatgt	actaccacca	caccggccac	240

atcgggtgga	tcaaagaagc	gacctttgaa	gaaatgattg	cccgccgtcc	tgagcgtgtg	300
attgaaatcg	cgggttaaag	catgctgcca	aaaggcccgc	tgggtcgtgc	tatgttccgt	360
aaactgaaag	tttacgcagg	caacgagcac	aaccacgcgg	cacagcaacc	gcaagttctt	420
gacatctaa						429

&lt;210&gt; 4657

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4657

gcaatggctg	aaaatcaata	ctacggcact	ggtcgccgca	aaagttccgc	agctcgcgtt	60
ttcatcaaac	cgggcagtg	taaaatcgta	atcaaccagc	gttctctgga	acagtacttc	120
ggtcgcgaaa	ctgcccgcac	ggtagttcgc	cagccgctgg	aactgggtga	tatggtagaa	180
aaactggatc	tgtacatcac	cggttaaagg	ggtaggtatc	ccggtcaggc	aggtgcgac	240
cgtcacggta	tcacccgcgc	tctgatggag	tacgacgaat	ccctgcgttc	tgaactgcgt	300
aaagctggct	tcgttactcg	tgacgcgcgt	caggttgaac	gtaagaaagt	gggtctgcgt	360
aaagcacgtc	gtcgtccaca	gttctccaaa	cgtaa			396

&lt;210&gt; 4658

&lt;211&gt; 609

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4658

acatcggctg	ggcagttg	cccagatgcc	gcgctggcgt	ccattaaatc	gaccgttctg	60
gttatcgccg	tccatcagag	tattggtgcc	ggtagtcgcg	tggccatccc	gctgaccgca	120
gcgggtcagg	tgctgaccat	tattgtccgt	actattaccg	tggccttcca	gcacgcggcg	180
gataaggcgg	ccgaaaaagg	caacctcacc	gcgctctcct	ggatccacgt	ttcttcctctg	240
ttcctgcaag	cgatgcgtat	cgcgatccct	gcagttatcg	tggcgatttc	tgctcggtacc	300
agcgaagtgc	agggcatgct	gaatgcgac	cctgaagtgg	tcaccagcgg	tctgaatatc	360
gccgggggta	tgatcgtgg	ggtcggttat	gcgatggcca	tcaacatgat	gcgcgcgggc	420
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gttgcgctgg	gtgtgattgg	tgcggtgatg	gcgattcttt	atatccagct	cagcccga	540
tacaaccgtg	tcgcgggtgc	ccctgcgcag	gctgctggta	acaacgatct	cgataacgaa	600
ctggactaa						609

&lt;210&gt; 4659

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4659

caggtgagcg	aaatgggtga	tatgacaaaa	actaccactg	agaaaaaact	cactccgggt	60
gatattcgtg	gcgtgttcat	ccgttctaac	ctgtttcagg	gttcatggaa	cttcgaacgt	120
atgcaggcgc	tcggcttctg	cttctccatg	gtgccggcca	tcaaagccct	gtatccggaa	180
aacaacgaag	cacgccgtca	ggcaattaag	cgatcatctg	aattcttcaa	cacccatcct	240
tatgttgccg	cgccggttct	ggcggtgacg	ctggcgatgg	aagagcatcg	tgcgaaacgg	300
gtcgaaatcg	acgatgggtg	catcaacgg	atcaaagttg	gtctgatggg	gccgctggca	360
ggcgtagggc	acccgatttt	ctgggggtacc	gtgcgtccgg	tctttgcggc	gctgggcggc	420
gggatcgcca	tgagcggcag	cctgctcggt	cctctgctgt	tcttcatcct	gtaa	474

&lt;210&gt; 4660

&lt;211&gt; 414

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4660

agcgtagggc	tgccgggtcag	ctcgggctgt	atgcggatga	acgcgcggga	tatcaaagcg	60
ttgtttgagc	aagtgcgcgt	cggcacgcgg	gtgcagatta	tcaatgagcc	gggtgaagttc	120
tccgtcgagc	cggacggcaa	acgttatatc	gaagtgcaca	ggccgctggc	gcaggcagag	180

ggcgaaaacc	cacagacggt	gccgttcacg	cactcggcgg	cgtttaccgc	ttttgcagcg	240
gagtcaggta	gcgataaaac	gcttatcgat	aaagccctgg	cgcgcagagc	cgggatcccc	300
gttgccggtt	caacaggcaa	tggttcgta	gccagcaatt	ctgtcctgtc	ggttcagaat	360
agtcgtgtct	cagcggcggt	ggcggaagac	gagggagaga	aagcgcttca	gtag	414

&lt;210&gt; 4661

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4661

cttctcgctt	tgactgctat	cgggtacact	ccactgtggt	atttcatcaa	tactgaagga	60
ttatcctgca	tgtaccaaga	tcttattcgt	aacgaactga	acgaagcggc	ggaaacgctg	120
gcgaactttc	tgaagatga	tgccaatatt	cacgctattc	agcgcgcggc	ggtcctgctt	180
gccgacagct	tcaaagccgg	cggtaaaagt	ctctcctgcg	gtaacggcgg	ttcccactgt	240
gacgccatgc	acttcgcgca	ggagctgacc	ggacgctatc	gcgaaaaccg	tccgggctac	300
ccggcgattg	cgattttccg	cgtgagccac	atctcctgtg	taggcaacga	ctttgggttac	360
gaccacatct	tttcccgtca	cggtgaagcc	gtaggccgtg	aaggcgatgt	gcttctcggg	420
atctccacgt	ccggttaactc	cgctaacgtg	atcaaagcga	tcgccgccgc	gcgtgagaag	480
ggcatgaaag	tgatcaccc	gaccgggaaa	gatggcggta	agatggacgg	tacagcggac	540
attgaaatcc	gcgtttccaca	cttcggttat	gccgatcgcg	ttcaggaaat	tcacatcaaa	600
gtgatccaca	tctgatcca	attgatcgaa	aaagagatgg	ttaagtaa		648

&lt;210&gt; 4662

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4662

cgccgcttct	ccgctatccc	gctgggtgac	tatttctatg	ggctgggtgt	tgttatctgg	60
ggcacgacct	ggatcgccat	ttttttgcaa	caggggcccgg	ttgcagecgc	ggtctccatt	120
ttctggcgct	tcgccgtggc	cagcgcacag	atgatgatcg	tcctgggtcg	ccttcgccgt	180
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tgtttcaact	tctgggtgctt	ttacaccgcc	gccgcccata	tcaataccgg	ccttgagtcg	300
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cgtcaccccg	cacgcttctg	gacggcggca	gcgctggggc	ttatcgggat	cattaccctg	420
ttctggaacg	atctgctcgc	cagcggctgg	agcgcgtcgt	tgcttaacgg	catcgggctt	480
tccgccctcg	gcacatacgg	cttctcgctg	gggaatatga	tcagcatgcg	tcatcagcga	540
aacgggatgg	aaaccatgac	caccaacgcc	tgggcgatgc	tgtatggcac	cgtcgtgatg	600
ggacttatcg	ccctcttcag	aggcgataac	tttatgccgg	aatggacggg	gagctatatg	660
ggggcgatgc	tctatcttgc	gctggtttgg	tcggtgattg	ccttcggcgc	ctactttacg	720
ctggtaggcc	gcattgggtc	cggtaaaagc	gcctacagca	ccctgctgtt	ccccgctggt	780
ggcgctgtcg	atttcaacgg	tgttacaagg	ttaccttttg	gcatectcac	cggattttcc	840
ggctgttttt	tgataattgg	ggggcatttt				870

&lt;210&gt; 4663

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4663

aagaaaaata	caatgtttcca	gcaagaagtt	accattaccg	ctccgaacgg	tctgcacacc	60
cgccctgctg	ctcagtttgt	taaagaagcg	aaaggcttca	cttctgaaat	cactgtgact	120
tccaacggca	aaagcgctag	cgcaaaaagc	ctgttcaagc	tgcaaaactct	gggcctgact	180
cagggtaccg	ttgttaccat	ctccgctgaa	ggtgaagacg	agcagaaaagc	agttgagcat	240
ctggttaagc	tgatggctga	actcgagtaa				270

&lt;210&gt; 4664

&lt;211&gt; 845

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 4664  
 ggtagggtta tgatttcagg catttttagca tccccgggta tcgcttttcgg caaagcattg 60  
 ctgctgaaag aagacgaaat cgtcattgac cggaaaaaaa ttcttgccga caaggttgat 120  
 caggaagttg aacgttttct gagcggtcgt gccaaaggcat ctgcgcaact ggaagcgatt 180  
 aaaactaaag ctggcgaaac ttctcggtgaa gaaaaagaag ccattcttcga agggcacatt 240  
 atgctgctcg aacatgagga gctggagcag gaaatcatag ccctgattaa agataaaggc 300  
 atgacggcgc acgcggctgc gcatgaagtt atcgaaggctc aggcattctgc cctggaagag 360  
 ctggacgatg aatacctgaa agagcgtgcg gctgacgtac gtgacatcgg taagcgctg 420  
 ctgcgcaaca tcttgggtct ggccatcatc gatctgagcg cgattcagga cgaagtgatc 480  
 ctggttgccg ctgacctgac cccgtctgaa accgcacagc tgaacctgaa caaggtgctg 540  
 ggtttcatta ctgatgcagg tggacgtact tcccacacct ctatcatggc gcgttctctg 600  
 gagctgccag ccattgtggg ttacggtagc gtgacgtctc aggttaaaaa caaccactat 660  
 ctgattcttg atgcgtaaa aaatgtggtt tacgtcaacc ccactaacga tgtgatcgac 720  
 cactgcgccc ccgttcagga gcagggttgt accgaaaaaa acgaactcgc taaaactgaa 780  
 aaatttgcca accatcccgc ttggaatggc ttcaggttga aattgtgcgc taacatccgg 840  
 tacgg 845

<210> 4665  
 <211> 357  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4665  
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 ttcagccatc agcttaacca gatgctcaac tgctttctgc tcgtcttcac cttcagcggg 120  
 gatggtaaca acggtaccct gagtcaggcc cagagtttgc agcttgaaca ggctttttgc 180  
 gctagcgctt ttgcogttgg aagtcacagt gatttcagaa gtgaagcctt tcgcttcttt 240  
 aacaaactga gcagcagggc ggggtgtgcag accgttcgga gcggtaaatg taacttcttg 300  
 ctggaacatt gtatttttct tctaccagcc ggcttgagg atctatgctc tcgagac 357

<210> 4666  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4666  
 cttagcgcg atgcgccag ccccggtgtg aagattccag agattaacca aatcactatt 60  
 gctaaattct tcagcgggtca agggttatca ctgatgggtg ctgcactgat ttatgaaatg 120  
 gtactgaaag cacacgatgc aatgacagat ttaatctgga atgaatacga ggtgaaaact 180  
 atgaatggct aa 192

<210> 4667  
 <211> 231  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4667  
 gatgaacata tgccgcgcatc tgcaactcgt agtgaagacc tgggacaccc cgagaacaaa 60  
 agtgaattag cgtggaatga aaacaaaaaa tggaagaaaa atcaagaatc tcttttatta 120  
 aatgggtgtg aaatacctat tgctcagctta gattatgaaa ttgaaataaa ccaagaaatt 180  
 ggcaattata atgcatttaa agatacttgc tatctggaaa attatagata g 231

<210> 4668  
 <211> 426  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4668  
 gggggaaccc taacggggct tctctttgaa caaatcgagg agcggaaaaat gtcatatctt 60  
 gaatatatca atgaagtaaa agtgtccggg atagttatca gtgctgtgga gaaaaaaatg 120



actgaccaga	gtatagggtt	gttaataaa	ctcaaaaata	ggatgaagac	agaagttgat	180
ggtgaaatca	ctgagagaga	attttcagtt	caaatacaagg	tgtcgcctga	aatgtattca	240
acctgtttca	ctggtataaa	tcagggtgat	gagttgatgg	tctccgggta	tattgttgtc	300
gatactatta	tgattgaagg	gagagaacat	cctcttgact	acatgagagt	ggtagcaaca	360
agtaagttgg	ctcacatacc	taaacctcta	aaagggtttg	gacaaagtag	ctttaatcag	420
atctga						426

&lt;210&gt; 4669

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4669

atcaactatt	tgcggtattt	catcttcac	tatatcgaat	atagaaaaaa	aactaagttg	60
attactactt	attgcagtag	ccctaaattt	ttgtttcatg	gggactccaa	aaggagaaat	120
cccatgaagg	gattttctccc	ctttagggtg	ggtttaatgt	cagatctgat	taaagctact	180
ttgtccaaaa	ccttttag					198

&lt;210&gt; 4670

&lt;211&gt; 369

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4670

tcctctgcgg	cgcttgaaga	acaaatcatg	ttggacgatt	gcaatgacga	tatgggctgg	60
gacatcttct	ttgatcagga	ttattttaatg	tcagaaaaaa	aactggctgt	taaatggact	120
gacagggaaa	ttatggatgt	ttacataaaa	gctttttaat	ccacattaga	gttgtttgac	180
gagcttggtt	catgtgatct	gttaactaaa	cgaaacgctt	ttggcaagtt	agaaataaat	240
ccaatattcg	aaaatcattt	tgaatggatc	atgtctgaag	cttttgaaat	agtgggaaat	300
catcttggtt	ataatgtgcc	tcaaatcagg	aaactgatgg	caactatttg	ccaaatgaat	360
ctcaaataa						369

&lt;210&gt; 4671

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4671

cgcttcttat	caatgggtggc	agaaacgggc	tggataaacg	ccgcgcgctg	tttaacctgg	60
cgaaatcagt	tctgggtgtga	ggtgaatgtg	ggtatcgaaa	cgataatcgg	gctggccgca	120
ctggtcattt	ccgccattgc	aggcgctttt	ggcctgggcc	atatccgcgg	caccagcaaa	180
gcacaggcta	aagccgacca	acagcgcact	gaagataacg	cagctgcaac	ggtcgcagca	240
gcggaacgcc	gggtatag					258

&lt;210&gt; 4672

&lt;211&gt; 411

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4672

gttaattcaa	aagggaagc	ttttgacgta	aaactggaag	catatgcttt	aagtgaaaat	60
gacggaaaaa	atgggatccg	aggcacgctt	atcagccgaa	atggtcacgc	aattgcagga	120
gctgcatttg	ccggtggact	ttcttcactt	gccggtagct	taagtcccag	taaggatatct	180
tcattttaca	tcgaccctta	ttcacaggct	cagtatcagt	cccctaattt	tggtgcactt	240
ggggcattag	ccgggggttg	tgacagctcaa	ggtgggtctta	atcgactcgt	cgattactac	300
accgcaattg	cagaacaaca	gtggccaatc	gtagaaatta	gccctggccg	agctattaca	360
tttgtcgttc	agaccggaac	tacaattcca	acgaatctga	ccagtcgctg	a	411

&lt;210&gt; 4673

&lt;211&gt; 483

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4673

atggatagtt	tagaaaaaaa	agaatcgcct	gaatcagctg	gacctgaaat	cactaaaaaa	60
atgggtgcgag	aaaggacaac	aaaaaaaaatt	accttcgaaa	ttgatattga	aaaaatattg	120
aagtatttat	ttttcttcgc	ctttgccgta	ttggtcatta	tttatggtta	taaaggcttt	180
atgaatgttt	acgattactt	caataaacia	tcccagcctt	cgtacaagat	tgcatgtgctt	240
gacatgcctg	aattacgtaa	ggaatttttc	aagcatcacg	gaggccgtac	tgctgacaat	300
gatagatctc	aattcgaaga	atatttcaga	acattaatga	agatctaccg	tgaccgtggc	360
tatttaatta	ttgatgcaac	gcttgccgtt	actgtaccgg	atagtgttga	aatcgtcact	420
tatatggaac	ttgaagatag	ctctgaagcg	gtacaatcaa	gttcttataa	tgcaaagaag	480
tag						483

## &lt;210&gt; 4674

## &lt;211&gt; 924

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4674

acctttacaa	actttttccg	gaaggatttt	cttttctggc	agatccttca	tggaacattac	60
tctgcgctgt	gcaacttgat	ccaatcagtt	acaaagccag	aagaagagat	agtaattttc	120
tctactggaa	atttggttga	ctatgggccc	gaacccatag	aattgatgaa	ggcgataaac	180
atgtgccttt	tcgatggacg	ttttgtgagg	catttctcag	ctgccggagc	cggagaagaa	240
atgttataaaa	aattgtttacc	attaaacaaa	gaccggagaa	cattttaccc	cagcacatac	300
ctcaatgaga	gatggtgtgt	aatgggcgga	aagtggcata	aagctgtgaa	tcgttactat	360
ttagaggaag	aggtaaaaaa	acttcttaat	acccagcttg	gtacgatgat	gcagatttta	420
ctaaaaggcg	atataaaaaat	tggggtttgc	ccttctgatt	acgcccctat	ccgcacatca	480
ttcactgata	cttataatgc	gcttcaagca	ttcaactatg	ccaatgtgaa	tattttttcag	540
agccagtttc	tattcggtat	ggaccatgcc	gtaataccaa	tgatgataaa	tgacgtcaac	600
cttatggctc	taggtaggaa	tctgttaaac	agcattcgaa	aagcccatgg	tcgtactcaa	660
aacaatcttc	cagtactgat	cggtaattgt	ttgcatataa	atactggatc	actctatatg	720
tcaaaattag	aagaccaggt	aatagtgtgt	ccgggtatac	cgcaaactga	ctcaccagca	780
cttacattag	tagaaataat	catgaagaac	aatccagttt	tattgtgtca	tcagctaata	840
caaacaacaa	acaagtttta	ttcacttaaa	acctatcctt	tagaactcga	ttcgattgaa	900
aacaacattg	aggtaacaag	atga				924

## &lt;210&gt; 4675

## &lt;211&gt; 348

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4675

acaagagtac	ggaacccact	catggatatt	cgtaagatta	aaaaactgat	cgagctgggtt	60
gaagaatcag	gcattctccga	actggaaatt	tctgaaggcg	aagagtctgt	acgcattcagc	120
cgtgcagccc	cagccgctag	cttcccggta	atgcagcaag	cttatgctgc	gccagtgagc	180
cagcctgcgc	tctccgcagc	cgttgcgcca	gcggcagcag	aagcggcacc	tgccggtgca	240
acagaaaatc	atggtcacat	cgtaagttcc	ccatggttgg	tactttctac	cgcaccccgca	300
agccggacgc	gaaaggcttc	aactaaatgt	gtcaaaaagt	caacgtaa		348

## &lt;210&gt; 4676

## &lt;211&gt; 183

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;220&gt;

## &lt;221&gt; unsure

## &lt;222&gt; (128)

## &lt;220&gt;

## &lt;221&gt; unsure

## &lt;222&gt; (155)

<220>  
 <221>unsure  
 <222>(171)

<220>  
 <221>unsure  
 <222>(174)

<220>  
 <221>unsure  
 <222>(176)

<400> 4676  
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 ttggggaagg gaagagcgat ggagggcggt gaggggggaa gagaaggga ggtggagggg 120  
 ggggcggnag tggggggggg ggttgggggg gggnggggtg gggggggggg nggngngagg 180  
 tga 183

<210> 4677  
 <211> 240  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4677  
 aaaagaagga agcgaaaaaa gaaaaaggat ctacgcgcga aaggccaggc ggaagcatca 60  
 aagagaacag ctaaggcaac cacgaacccg ctacgaaag aaaacagcgg gaataaagaa 120  
 accttcacca aagcgccgga acgcgaagag gccctggggc agaaaaccgt cgagatccag 180  
 cttcagcagg gtctggaaga aaaggagaaa gccagcgct tctggccgac caaagaatag 240

<210> 4678  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4678  
 acggcacttg cgtcttcccc agatttacgt ataatgcgcg ggcttgctgt aattgacggc 60  
 gggttcaatc tgaaccagag tagctcactt tgttactcaa caatgctccc aattggggag 120  
 ctacgtaaga acggttacac tctcccatca atcgtaatgg gtttgaggag taatcatttt 180  
 cgtttataa 189

<210> 4679  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4679  
 atacttaccg gggtcaccga atccgctcagg actggcagtg ggtagtctt gtctacgttg 60  
 ataaaagcct tcttcattgc cctgtttccc cttgtcctga aaaagttacc gaccggtccg 120  
 gatggagggg tgggtcagaa aatcatgcct gtcccttatt catcttctca gcatgcttac 180  
 gcaggtactc tttcaggtca gcatgagcat tga 213

<210> 4680  
 <211> 339  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4680  
 ccgacccctc catccggacg ggtcggtaac tttttcagga caaggggaaa cagggcaatg 60  
 aagaaggctt ttatcaacgt agacaagact aaccactgc cagtcctgac ggattcggtg 120  
 acccggttaa gtattcagtg cacggcaaaa gatgaaaacg gggcagggat cgaagtgaac 180

atcctcgacc	tgattcagga	tcatgatacg	gatgaagtga	aagtgcagtt	tgaggagctcg	240
cctgttcagg	ctctggcgat	gctccgccgg	gttatgacag	caactggaaaa	gcaggcaaat	300
gcagaactgc	aacagaattc	ctgctcgcgt	atgcagtaa			339

&lt;210&gt; 4681

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4681

aatggtgaaa	agccaaaacg	gagaacgctg	gtttacgcc	ccggtaacag	gaaccgggttc	60
cggctccaaa	ggaacagggt	tcataaacag	aaccggcgag	gtaaagcacc	atccatgtcc	120
agcgttctga	acaaaaagac	cgtgaccgtc	attgccgaca	ccgcgatccc	gattttttgaa	180
cgtattgctg	aagaagccaa	gcttaaagaa	ggtgaatctg	tcagcactga	tacttacacg	240
cttgttctga	ccaatgatga	aatgaacgat	atcatcaatg	ctcatgctga	cctgaaagag	300
tacctgcgta	agcatgctga	gaagatgaat	aaggacagag	catga		345

&lt;210&gt; 4682

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4682

acttacggag	aggatatggt	aattacttat	tcattatcgg	aaacggttaa	tatgttttta	60
cgcgagatta	ttgcatctgg	acttgacgtt	ttttgcgcat	ggtgcgtttt	gtgtcttttc	120
tctgatcagg	aacgaggtaa	agaggttcct	gtttctatga	aaaaaataac	ttcaaagtca	180
gctttctcct	actttatcag	ttctcaaatt	gccgctttta	ttatctcctt	gttgggttca	240
atcttaagca	cgaaatggga	caacatcgtc	tggaatgatg	aaataagaca	gtcggacctg	300
catgtcttca	caacgaccag	ccagatccga	tctaacgcc			339

&lt;210&gt; 4683

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4683

tccccaaaacg	tatgtctttc	catccggctg	gtgaagtatg	gttcatcact	gattaaaatt	60
tgctccctca	ttgtgttttt	tgccgggtcg	ccccggcttt	ttttcgtttc	gtctcctgaa	120
agttcaaaat	atttcagcat	cttcttagaa	aatcgtgaac	aagatggcgt	tttattgttc	180
gaacaatcct	aa					192

&lt;210&gt; 4684

&lt;211&gt; 492

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (30)

&lt;400&gt; 4684

atgcactcat	taatgaccgt	ggcaattaan	atacagaatc	agcaaggatt	ttttgattta	60
tttaaatac	aggaacgtaa	aagtaaagaa	gtgatatcaa	ttctgtttga	gtatgttcgt	120
gagaattctg	tatgggtaga	acattacgaa	tctcaaatac	gcataaccca	ggatgaccga	180
tatagtctgg	ttcacttcaa	ccagtaccag	gaacctaaact	ggtcttttat	ttctaaagaa	240
aaacttgaag	agacatatcc	tgaatttgat	tttcatgttt	ccagaaagtc	tcttgaaaac	300
tgagtaaatg	cccgattatc	aactcagacg	attaaaaaat	tattaaaaga	aaaaaactgg	360
accatgaagg	aagttgctgc	tcgctggaac	cgttcggaat	catggatgag	taaagttgtt	420
aatgatgagg	aaagggaact	ctactgggaa	gacgctttta	aagggtctcc	ttcaaaaata	480
cacgaaaaat	ga					492

<210> 4685  
 <211> 294  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4685  
 ggcagcataa tgtctaaaga acttggtcga cctataatgg aaaaacctga acggggccaga 60  
 aaagaaagta gcctgactaa cattgcggtt aaaaagaaaa atacgacagg cgaaacacca 120  
 aaaactatac gcatgacacc tgcggaaaag atgctggcgc aggaactggg tgagcagatc 180  
 caggcactta cgcacaagaa cattacggtt tccacattac ttcgtgcagg gctgtacctt 240  
 gctcagtcag caggaccaga aaaagtctctg aaggcgatta aagagaacat ttag 294

<210> 4686  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4686  
 aaaatggata aacagcttta ccacattcgc tggaagcttc atcacactct ggctgagcta 60  
 aattactcac ttgaatgttt tggcgattac ctggccaaac aaaacgatta tccttacgat 120  
 attgacgggt ttgaggcgat ctatttatat ttacaacgta aatattcatg gcctctggat 180  
 aaatccagag gaatgagcct ttcagatata agacttgctc tttcagtaga gatgaaaggt 240  
 tggacattgc ctgcgatgc gatttttgaa gaatttcctg gtgtgtattg a 291

<210> 4687  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (81)

<400> 4687  
 agcacaaaaca actgggaaaa agaatacctc ccccccccca agggactcga atttatggaa 60  
 attccaaccg accccttcca ntgcgttctg cttggctggg gcggcggaat taaggaggag 120  
 ctttcccccg gaggggaatc ccgcacaaat taccgccgcc aggggggggccc caccttcccc 180  
 tgggtggtt 189

<210> 4688  
 <211> 195  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4688  
 attcagaagg ttacttttat catgccatct ttgttaggca tatctaacaa aaaaagcttg 60  
 cctaattctgt tagacatatc taatctacat ctcatcgaca atcacatgca cagtgattac 120  
 tcagtagatg taccgttcgg cggcccgccc ttaagggaac aaaaaaagcg ccctatcgga 180  
 cgcttcgctc tttaa 195

<210> 4689  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4689  
 aaatctggat atccccctt tccacaggca ggagatgact atatgcagga taatgaattg 60  
 gccaaaagta gagatttctg gttaacagta aaactcatgg ctgagaatag tttgaaagaa 120  
 atctcattac tcaatacaca ccaggaaatt ctcaaaaaat cgcacgcgca ggcaatgtcc 180  
 aacctttcat ctctactgaa agagcaagtc tga 213

<210> 4690  
 <211> 432  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4690  
 aagggggccg gaccggtat gagtcggata atcgcgcgta ctgggatgat cagatccagc 60  
 tcaatattga cgcaccgctt tatcagggcg gcgcgggtctc ggcgcgcgtc cgtcaggccg 120  
 agggcgcaag ggcaatggca tcgtcgcagg tcgatcaggc ccgttttggat gtcctgcaaa 180  
 aaatcctccg tcgcacaggc cgactggacc ggggcgcgctg gactaatgga agccgggaaa 240  
 cgtcagctgg aaaatgcgtt gcgcgcccgc gatgtctaca aaaatgaata taccctgagc 300  
 aagcgcagca ttaacgatct gctcagcgtg gagcaggatg tctgggtctgc cacctccgcg 360  
 aaaataatgg ctgaatacga tggctggagt gcggcgatta attacgcctc tgcggtggat 420  
 aatctcatgc cg 432

<210> 4691  
 <211> 195  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4691  
 ctcaccgagg ggtcgcgatc gagagcgaaa agaatacttt ctttcatcgt cattgccgca 60  
 acgggagata tccccgcctg gccgttattt gcattagccg cagtcaccac caacgaaatt 120  
 aaggtcaggg aggcagataa tctgagtaac ctgttattgc atttcatctt cataatatcc 180  
 cccgactcca ggtga 195

<210> 4692  
 <211> 297  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4692  
 atttcgttcg ctgtcagaca tctgaggaac gatatagggg tcacctgctc tggcccagtt 60  
 ttcacgaaca gatggatgat tcatttcagc tttatctatc tggctcgttc tagatatctc 120  
 atgtttgtaa ttaggttcca aaacgttact tttgtgatag tcaaaagcat tctcctcatt 180  
 aatattgcc tctcctacaa atttatcaat aagagttgga tcgttcatta ttactgtctg 240  
 aacgggaaaa gcgttactgc catcttcgat actaatgggt gcgtccggaa cgattaa 297

<210> 4693  
 <211> 393  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4693  
 gcttttaata acaggtcaga atatatacca aaaaggagtg tattaatcgt tccggacgca 60  
 cccattagta tcgaagatgg cagtaacgct tttcccgttc agacagtaat aatgaacgat 120  
 ccaactctta ttgataaatt tgtaggagag ggcaatatta atgaggagaa tgcttttgac 180  
 tatcacaataa gtaacgtttt ggaacctaata tacaacatg aaatatctag aacgagccag 240  
 atagataaag ctgaaatgaa tcatccatct gttcgtgaaa actgggcccag agcaggtgaa 300  
 ccctatatcg ttcctcagat gtctgacagc gaacgaaatc taaaaattaa acgattccag 360  
 aaacctacaa gtggagctaa tcatggacat taa 393

<210> 4694  
 <211> 696  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4694  
 aaattaaacg attccagaaa cctacaagtg gagctaataca tggacattaa aaaggcctgg 60  
 gaaaataaga ccgtcagact ttctgttatt ggcgctctgc tggtagtgat tgtttatatt 120  
 attagccagt ctatTTTTTt cacaccagtt aagaaagaaa agaaaacaca gaaaaaagac 180

atgcagacca	atgtgtgtt	agatgattcg	caaataaaca	aattgagtaa	tgaagaaagc	240
cagaaagtat	ataaagaaat	ggtaagcaa	aaccgacttg	acaaaaatgc	ggcgaagag	300
gaccgcgaaa	aagcagaaaa	agcccaacag	gaaactaaag	cccaagttgc	aagttaaact	360
tctcaacttc	agcagctgtc	tcagcaaatt	aatgatatgc	agacaaatcg	aaacggcaat	420
cgtaacttgg	atgctggtag	ttcgcgtaaa	acgattaatg	agcaggcacc	ggcagctcct	480
tatcagctta	atgctaatac	gccgattaat	ggcgtaaacc	ctaattacgc	ttctatcaca	540
cctacgcgta	atagcccaat	gagaacaatc	acacaaagtt	ccattaagac	taatgttacc	600
gatggtgtca	ttcaggttat	gcccgtgtct	gaaaacagaa	tcaaggaagg	cagagaggtc	660
attgcaggtc	ttcaccaagg	gccggaagat	acgcata			696

&lt;210&gt; 4695

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4695

tgcccgaagg	cgtaaaaagg	gatagagaat	cctttcagaa	gagcgtttga	gttcagcgc	60
agatcctccc	tgaaatgccc	ctcgtgccct	acaatctgtc	aacagaatgt	gaaaacgtca	120
atacagggtg	cggggattta	cgtggagtgt	gagaaaccgc	aaacaaagat	taaaaaaacc	180
ctgaccgtga	gttttcagca	gagaaattta	tgctactcgc	catga		225

&lt;210&gt; 4696

&lt;211&gt; 255

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4696

cactttttcg	cgagaaaactg	ggaaaagtgt	caaccacaacc	taacggatcc	tgacgcctac	60
gaacggcagc	tacagcagaa	gggtaaagg	ctggcgttga	gatttggtga	gccttggtg	120
ctagcttttg	ttaatcctga	tgcaagcag	ggcagggtgc	agcctgttat	ggtttgttat	180
gccttactag	ggaaaaccag	ggggaaaagt	tccaccgcta	ccgcttcaga	aaacttcagg	240
tacacgaact	cgtga					255

&lt;210&gt; 4697

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4697

aggggaggtg	ttaagcacac	cccctttgca	accatcctca	agcctctttc	agatcgatgt	60
tccagtttac	ccggaagctg	gcgttcagat	ttagttgtca	aaacttatca	cccaccggca	120
cagccagtg	ggatttttgg	ctgtaaccgc	tttaagttac	agtttcttcc	ttctgtaatg	180
ggcatgataa	ggggccaaaa	tttagacaat	tattctaaca	atccatag		228

&lt;210&gt; 4698

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(149)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(198)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(215)

<220>  
 <221>unsure  
 <222>(217)

<220>  
 <221>unsure  
 <222>(264)

<220>  
 <221>unsure  
 <222>(267)

<400> 4698  
 aggaatcaat tgccagctac cgcaacgttg cccttttgcct cctcaatccc aggggggggaa 60  
 gtgctcttta gctcagctca gggggcgcgca ctacgcccgg cagtgaattc agcagatttt 120  
 agcgagcaca gccgcgcacg ggatgtctnt ctctggacgg tgggaaggatc tgcgggggacg 180  
 attgataccg ggggtcaanaa tgaatatgga acatncngga ttatcgccct cttctggggtc 240  
 aggccaatat ttctgggcaa acancantaa 270

<210> 4699  
 <211> 240  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4699  
 ggcggcgagg tataccacaa gctatggcaa aaaatgcagt ggttggtttt tatacttgtc 60  
 gcgcccgcgat tattggctga cgcggattat gaaggtactc tgtccaatat gttagcggca 120  
 attaaatggt tatccccggg tcgtcattcg ttaattgttg ttacaaaaaa tcgcgcgctc 180  
 tttttcgttt ggggttaacaa ctgttttagt aactttttga atatcgatgc tagaaaatag 240

<210> 4700  
 <211> 246  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4700  
 gcgtcagcag cgacttcagg cagtttactt cctgtgccag ttcctgggta ttctcggcag 60  
 tggcaaattc aggtgtgtct atttattttc ctattataa aacagcgcag gagcgcgacg 120  
 atgaaagtta aggcggcgga gtataccaca agctatggca aaaaatgcag tggttgtttt 180  
 ttatacttgt cgcgcgcgca ttattggtcg acgcggatta tgaaggtact ctgtccaata 240  
 tgtag 246

<210> 4701  
 <211> 318  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4701  
 cagagtgaaga ttgaaggtat gcatagaact aaatttgaac gacttaagga tgaccttatac 60  
 ggtgagggcg tattatccat actgaaagag aacggaccta ttacctttgt gtctcttgct 120  
 aatcgccctgc gggcgatggc taacgttgaa tcaaatgatg aacgtaaaaa tgcatgtatt 180  
 gccgctgaag atgaagtgcg ccagcgtgta accggcgtct cgcacgaccg gggaagagtg 240  
 atgggcaatt atgacatggg tcgcatgcga tctctcttta ctcaaacac gcttttgacc 300  
 ccagacaaga aacactaa 318

<210> 4702  
 <211> 183  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4702



cgcgacaagt	tttttaaaatt	tttcttcgct	atcgacgcct	tccgcaacgc	attcccttcc	60
cgatcatgtcg	ctgtatatct	gtatcgcttt	aataatgcta	tagtcattgt	cgtttagcaac	120
aaagtgtctca	actatatcgc	ggtcaagctt	caatccatca	acattaatct	gtcggatggg	180
taa						183

&lt;210&gt; 4703

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4703

attactgggt	catccactta	caatgaaatg	aatctagcac	accttaagaa	acaaattcat	60
tacaatcgtg	taatgtacat	agctgtatta	catttacgtc	atcttcccca	cagggttgatt	120
atTTTTat	atgatcataa	ggatatcttt	tatgtacctc	agaaggtaat	tacacatgaa	180
tatattaatc	acgaccactg	cgttttacagc	tttattttgt	ggggcagctt	ttgctcagtc	240
cagtga						246

&lt;210&gt; 4704

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4704

acttctctct	tcatatttgt	aaggctctca	tttgattctt	gtcaaacatt	aatctggaag	60
actaaaaaat	catttctttt	aattcgtttt	acagaaatcc	tcctcogtta	tttcggatat	120
tatttgaata	attatcaaaa	acggggtgca	gccatgcgta	agagttacac	atttggtatt	180
ccatttggac	tccagagaga	atcaggactc	tttttagata	ttacagaggt	cagccggggg	240
atcgactgta	actgcatctg	ccccgcttgc	aaaactgata	tgttagcaaa	gcaggggggag	300
gtcaagcttt	ggcatttctc	acacagtact	gctgtagccg	gtgactgtga	tggtctgatg	360
gaagccatcc	ggggaaaaat	tattgaagtc	atcaacgagc	accaggttct	tggtttccca	420
aatcttctcg	ctggcgacga	tggtgggccg	gtttcactga	atgaggttag	tggaagcggc	480
agtatgttcg	gaggtacagc	tgatctgttc	gtaagcgtca	agccactgcc	gcctgttgcg	540
attactaacg	attga					555

&lt;210&gt; 4705

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4705

tgtccaacac	atcagattgc	ggcaacgtac	gaaactgttc	cgcgacagat	tatggcacag	60
agccagatct	atcaatgctc	tcgcaaaaatg	aaattgggct	actttccgag	atTTTccatc	120
tactggggga	ccagtcaaga	ctacgaatcc	tgctttactg	tatgcgtggg	tcgggtctctg	180
tag						183

&lt;210&gt; 4706

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4706

aattattttt	cagacttaag	ggggctttat	tatctccctt	ctgctaaggt	gagtcacaac	60
ttcacaattt	caacttatca	gaattttctg	ggattattat	tctgctatgt	gaaatgccat	120
atcctgaaga	acatggctta	catgctgata	cataatgcta	taaaagatgt	acttgccctt	180
tctctctcct	cgaacgagtc	ttgcaccccc	caacaacctc	agatgatgac	tgaccagaga	240
ttgtga						246

&lt;210&gt; 4707

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 4707  
 aaacagcttg cgccaggcaa tcgcgagcgc agaaaaggag agagagcagg agcagcgcca 60  
 caaaaagaag accgacgccg tcacggccgg ggggtgcaga aggggcaaaa acccgagag 120  
 ggcaacaaca atcaacaaaa gcaggagatc cagaccgagc aaaacgaacc ggacaaacag 180  
 agcaaaacca gaaccgacgg gcgaggcaaa accgggcagg cgcagaaaga aggagaggaa 240  
 aaaggaacgc aggaggagca ggcagaaagg acgcaatcca gccggataaa gatatttact 300  
 tgcccataa 309

<210> 4708  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4708  
 ccggggaaag gatggttttg gttaggcaag aggaatccgc atggggcgaa ggggaattat 60  
 gacatggttg aaacggtaaa ggggtggaaa ggaacgatgg ggaatatggg atatttaggg 120  
 gatgggtttg cacgcattac ccgcggtgat gcatcactat ttttgggaaa gaacaaaacg 180  
 ttggtgcgca tgatgcggaa aaggcgtcag taa 213

<210> 4709  
 <211> 195  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4709  
 atcttgagcgt tggagattca gtttcacaag ctgcttgatt ctttccctga ttttgatttt 60  
 ttctcacata ctcttatggc acggtttccg tgcctttttt ttgcctcgct tacaagcgct 120  
 tactcctctt ctacctatcc caccctacat caccacttaa aatctatctt tctaattcca 180  
 ttatcctttt cgtag 195

<210> 4710  
 <211> 312  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4710  
 agagatttgt atactgttct caaccaagga gagctcatga atgaactaaa atccaaaaaac 60  
 gagaacagta ccaaaagcaa ctttcccccg gttgataatc agttttgctt ttaccatggt 120  
 gatttcagca tagaacgact actttcaacg gccgaggatc tccagcttga gtacatcttc 180  
 cagaaacctg gaagtgaagt aagaaaggat ttggttgagc gattcgaacg tggagagcgc 240  
 tttgttacag cttcacactg tgacaatttc tgtgaaatcc ttggttgtca aggccatcag 300  
 gaaaatgcat aa 312

<210> 4711  
 <211> 255  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4711  
 cgtcatattc ctgcgtgccg gtctgccgac accagtgcac gggctttttt cggtcatcac 60  
 atttccgggc aggagatttt atcagggcgt ggtgtgactg agcagcaact ggggcactgt 120  
 cagcagcttg cagattttaac acccttaatc gccaaactgg gattctgttc tgatgttgac 180  
 cttccgttct gggcgggctt tggtttacta acacttactt ccataatacg aaatgtgctt 240  
 gatgatgcag attaa 255

<210> 4712  
 <211> 183  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4712  
 tacagattaa cgtcatatc ctatatgcca gtctgccgac atcagtgcctt gggctatddd 60  
 cgggtcaaaac aagacctggc gagagattta atcaagcgtg gtgtgactga gcagcagctg 120  
 ggggcactgt catccgcttg caaattdaac ccccttaac gccaaacttg ggttcagtc 180  
 tga 183

<210> 4713  
 <211> 234  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4713  
 gtaatgccaa tgtttaccg tatccaaaaa gataatggat gggatcacct aatgattta 60  
 cgtgaaaaat ttaacggtaa ggtgtttaaa gttaacgaac agatcatctc acgctttcag 120  
 attaaaaaca cacctgcgat tataactact gaccaagata aattccggat caccctgtt 180  
 agcgaggcag aagtcggtg tatcgagcc ccaaatctt cagaggaaaa ataa 234

<210> 4714  
 <211> 417  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4714  
 tttctaagg taaaaataat gaaacttaga aaaacgatag cttcaactat tattgcatca 60  
 atgattgcca atactatgag ttgggctttt tatactcttc tcataaatat ggtaatgact 120  
 cctcgatatt atgcggcaga cgctatattd gaccagctcg aaagtaactt taatcttgct 180  
 aatcctaacg caaatcgcaa tgcgacaacc agtgctcagg acattgttga gaagtacaag 240  
 aatgcggatt caggcgagaa tgtcagtggg aagatcaccg agaaatacgt gggtaaagcc 300  
 gaatccgcta atcttaatct cggaaagtat ggggcaggga actcaaatga aagtgtcatg 360  
 aaaaatgccg catccgatgg aaagtccatt ggtagcgccg tacaactgcc gagtatg 417

<210> 4715  
 <211> 198  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221>unsure  
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 <221>unsure  
 <222>(7)

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 <221>unsure  
 <222>(8)

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 <221>unsure  
 <222>(10)

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 <222>(11)

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<221>unsure  
<222>(12)

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<222>(13)

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<222> (40)

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<222> (41)

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 <222>(62)

<220>  
 <221>unsure  
 <222>(63)

<220>  
 <221>unsure  
 <222>(165)

<400> 4715	
gtccgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	60
nnntatccac cgggacaggc atcagcctct tacgcacctg agcctcatct cacagttttc	120
atgactgact atttcattcc gattcgccct ggtccacca tagtnagtat tgcgacacgc	180
cgtgaagagt ccattggg	198

<210> 4716  
 <211> 198  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4716	
agttatcatg tgacaatggt tttatctggt ttgcttaatc aaaaaatcaa ctggtcaaca	60
gggtcaagag gtattttgag aaagcaatgt aaaagggact cttcggagtc cttttttatt	120
tgtattgaaa aaggttcgat tatgaatgaa aacatattac aaggtaacag gaaaaacctg	180
tcacactatc cagctga	198

<210> 4717  
 <211> 183  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4717	
atgaaaacat attacaaggt aacaggaaaa acctgtcaca ctatccacgc tgaattacga	60
aagattggtg atttgattaa cccaatcccg aacaagaaat atcacatcaa aagaatgatg	120
actaaagcca ctgcgttatt actcatcaaa tcaatcagtg aaagaattaa aaataaccgt	180
tga	183

<210> 4718  
 <211> 921  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221>unsure  
 <222>(180)

<400> 4718

atgaatgcga	tacaaaagtt	agttgaatct	attcttggtta	aaatggggtt	tgttggcgct	60
gtagtggaaa	atatatactt	ggattcaaaa	ccatttcggc	atattcgatt	tgtggctgat	120
attccagtaa	tatcttttct	acctcatttg	gtgaaatata	ttaagggcgc	agaccatctn	180
tactgtggta	acgatgattt	gcacccctct	ttcattttatt	tttccgaagc	ggctacatta	240
aaagcaggcc	ctgtaaatct	cgcgaacttt	cgttttgaag	tttctatagc	ttcaactcat	300
ttacgactgg	tctcagagca	gcctgatttg	cttatcaaag	gatttaaccg	ggataaatcta	360
gaatacgttt	attaccgctc	agatttggcc	tctaaggatc	ttatactagg	ccttggttgaa	420
cacggttctc	ctttcataaa	acatctacat	ggacttatac	aaaagcgaat	tttaaacgag	480
ttctctctga	ttttttctgt	tcttgaaaag	attttagaaa	gcgcgaagcc	acaaattctt	540
gcttgcttcc	atagtgttga	ttatgaaatg	aacgtaaaaa	taatagccga	agctatacct	600
gaaactgtat	ctaatacagat	agtcacatct	gattatatag	tttaattctat	atcagatgcg	660
gacaagttaa	taaatcatgt	tcgtcgctat	ttagcaggca	gggtaatgaa	gaggcggata	720
tacgctgaat	tagatgtttg	tgaagaaaca	tcaaataattt	cactagtga	cttaggatgc	780
tttacgtctc	ctctgctcgt	tacggaatat	caaagtgtta	agccacactc	ttcagggtta	840
tatcgaaaag	ctataaaca	ctccttaaaa	cagttcaaac	cagaaatgca	tgtaccttct	900
gaagaactct	tttataatta	a				921

<210> 4719  
 <211> 531  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4719

atgttttaaag	aatctgacca	cgtggaattt	gttagtgcc	ttctttatca	aaatttaggc	60
cttaatgttc	ccgctgacga	tataaccggt	caattatctg	atacttcggt	cgacaaaagta	120
acctttgatt	acgatgtaga	tatcgataat	ttaaattgta	tgttggtatct	ctacatatct	180
gaactaataa	agcacaacgc	atcttattcc	gattctattc	ttttgaaaca	aaaaataatt	240
tattttcttg	gagtatttaa	gaatttcgga	ttttttacgt	tcgatattcg	cggatatagt	300
aatactttta	gccagtttaa	agttattgat	attgtttcaa	tgattattaa	tgactgtgaa	360
gagttatcta	aagctaattc	ttctactgat	gctataagaa	atctttatct	cgataaaatg	420
aagggtgatg	ggaaagtgtt	agttgcgaaa	tttgacttta	aacagttttt	tcattccgac	480
tttggtgact	ttatctcatt	tgtcgaagaa	aagaattaca	gattgtctta	a	531

<210> 4720  
 <211> 669  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4720

tctttcattg	ttaaccattt	gaggtttcct	atagttttta	gggaagggtg	caaaatcgaa	60
agaggagaag	tctattcaat	ttcgaattgc	acttataata	aagaaagatt	gcagtatctt	120
ttttctcagg	atatttacgg	taagttgtat	aattccttag	agaaagaatt	aagctcgttt	180
ttctcattta	tcaatgttga	ggtgcacgag	ttgttaaaag	atgctgtatg	ctttgcatta	240
aaaatcctga	ataagatata	tttgataaca	cctgaaagac	ttattaaagc	ttttaattat	300
cgtgactggg	attgtagtta	cgatgttgag	ctttttagga	aaggcttacc	tggtcatatt	360
ctggaagagc	tcattgctcc	agatatctta	cttttcagacc	ttaacgggtg	tagaaaaata	420
cttagaaatg	caaaacgatt	tctaaatgga	catacaaaaa	ccaattgtgt	ttatatataa	480
tatgaatggg	ggttgggggc	tgtggatacc	tcacactcag	ctaagt,tgat	gtctgacaaa	540
gaaattaata	accgaagtga	cttgaagaat	ttttcaaagg	tctttttcaa	agagtgttta	600
agttctggta	agtcggaata	tgaaaacat	cttagtgaaa	aagaacatgc	gcttcgctac	660
aattattaa						669

<210> 4721  
 <211> 498  
 <212> DNA  
 <213> Enterobacter cloacae



<400> 4721  
 ttgcgaaatt tgcacttaaa cagttttttc attccgactt tggtgacttt atctcatttg 60  
 tcgaagaaaa gaattacaga ttgtcttaat gaaactttaa ggattatcaa agctgttgaa 120  
 catggctttg tacgtgttgg gcagcataag attaatcgcc gtattaatga tgacttaaaag 180  
 ttatgcattg atttcaatac tgatgattat ccggcaaata tgccagatat atatattaag 240  
 tttaacgata catttgatgg gaacggggcg ttatattgtg acaatgatgc cctcatatcc 300  
 ctctataccg atgttgcttc aattatcaat gtgccggtga tgatggaagt aagattgatc 360  
 aataaaagag ggcgtgttgt ctgtgattct tcgcattcaa cttacgtatc tctcgaaagt 420  
 aatgaccgat acagagtaac tgatcgacac ttactaataa ctgaagcttt tgacgatttt 480  
 cgtaacgcgt ctcaatga 498

<210> 4722

<211> 270

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (70)

<400> 4722  
 ccaaactttt atctaaccga gtgggggaagt cgcttccttt ctgggggact tcctctcaaa 60  
 tttagaggtan tgtatatgac acattcatct gatgataaaa actatgtccg agcagttctg 120  
 agctatcttg gcatagattt tgatgaggcg gatatagtat taagtgtttg ccattgtcaa 180  
 agtgacgagc tttctttttac ctgtaatatc aaagctattg aactcaagaa tgctgttgat 240  
 ttatatgtcg atagtatctc tgaacaatga 270

<210> 4723

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 4723  
 ataagatatc tttggataga cctgaaagac ttattaaagc ttttaattat cgtgactggt 60  
 attgtagtta cgatgttgag ctttttagga aaggcttacc tggatcatatt ctggaagagc 120  
 tcattgctcc agatatctta ctttcagacc ttaacggttg tagaaaaata cttagaaatg 180  
 caaaacgatt tctaa 195

<210> 4724

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 4724  
 attcagcaaa ttgccgtaaa aaacagtaca gcactgaatg acaaaaaaat tcccttcaat 60  
 accactaaaa taaccctcgc tatcatcatt aactttatct attacogtca ttcagttctg 120  
 aatgtctggt tatccctaata tgaaccggat gcttcgcatt cgggtttttt ttacctttct 180  
 ttacgtcaac ctacatttaa tgtgctaccg cttggtaatg ataacgacta ttaa 234

<210> 4725

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 4725  
 gttaattttg attactttca tttatgggat attaaaagct tgattctttt tactagccgc 60  
 ctgattccca cgaaaatatt tcagatgatt ttacgggctc ttcaacatat aaacccaaaat 120  
 ttgaaggact gctctgaaga gcccgcttc ctgcttcctt attatttagc cattttcttt 180  
 ttctga 186

<210> 4726  
 <211> 231  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4726  
 agacaaggat taactcaaag agaattatct gccatgttgg gtgtaactca gcagacttat 60  
 gctcgccttg aggcaaatcc ttcaaaagca agttttgagc gtctatacaa agtggttacat 120  
 attttagggg tggagatttc gctcagttct gcacctcttt caacttatac aaagcctacg 180  
 aattttgtag aaaaggagtt tgattcaccg gcaaggcgtg aggaatggtg a 231

<210> 4727  
 <211> 507  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (7)

<400> 4727  
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 gaggctgaac acctgaaaag tgtcaggaag acgctggccg atggacttac gcttgctcag 180  
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 cttattgaat atcaatggca gaatgagaga ttccttgcca gaaaggctgt aggccaaacc 300  
 atccagaatg caatagataa gtggcgtatt aaaaacaata tctccatcat aattccacga 360  
 caacaagctc tttctctgga tgaagggctg gatattaccg cgctaatacg aaaagagctt 420  
 aagggggcga aagttaaatt tggagaacta ccggtgatta gtttaaaaca aaaagaaaac 480  
 tctccatcag aaaaagaaaa tggctaa 507

<210> 4728  
 <211> 204  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4728  
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 gacagacagg aggctaatac cctgaaaaaa cttcagggga aaagttcatc gatggacttg 180  
 cgcttgctca ggcgctcagt atga 204

<210> 4729  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4729  
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 agtatgaaaa ttacatttaa gagaagacaa atgaggcaat acgacaataa gtttattgaa 120  
 tacctggggc gcaggtcagg aaagttagta ctgttgctca ccaaaggact actttcaaat 180  
 aaaactaccg tctcagcatt cttaggcatc tga 213

<210> 4730  
 <211> 717  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4730  
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aagatgtttc	gcattcatac	cacggcaaaa	gttgctatgt	cgctaattgc	catgaccgct	180
gtagggtttt	ctttctacaa	tctttacgaa	caatggcagg	acgctgaagg	gaagaaagac	240
catatagctg	taatacggat	ttctggcgag	atgggtaccg	gctcggaaac	gggcgatgga	300
acagtgatcg	caacagctct	tgccaaagct	tacaataatc	cccatgccaa	agcagttatt	360
atcgaggcag	agtcagggtg	tggtgggtccc	tctgacgcca	tcattattta	ccgccagata	420
aacgcgctta	aaaaccacca	gccacagatt	gaacgcgtat	cagatgccgg	tggctctctt	480
tcatctgtag	ccgctgacaa	gagtaacaaa	accgggagca	cagaacgtgg	cgatgaagca	540
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atcgcagact	catataaacc	aatcatcggt	agtgtgaaag	gcataatgcg	atccgcgatg	660
tattacgcgg	tatcgcccg	tgatgcaatt	tatgccgaca	gtaatgcctt	gatcgggt	717

&lt;210&gt; 4731

&lt;211&gt; 585

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4731

acaagttaca	ggcggggcat	caaaccccag	attcatccag	aaacaacaca	tagtcatata	60
gttactattg	aggactctcc	ctttctttct	cggttaaaat	ttaaaatcat	tactgccata	120
gatcagcttc	ctgaccctaa	tggtctttat	acaaacacct	ttaacagcat	tattgaccgt	180
gcactgctga	ctcatctcaa	aaccgaacag	gaaaaaatag	atagtccaag	agtctgcaaa	240
aatgtgatth	cggtctttgc	cgactcaact	ctttctctgc	cggtgtttta	catcggccta	300
aacgagcagt	acagatactg	gacgccgtgg	ggcatcaact	ttatagaatt	ttcccgcag	360
gccgcaaaag	caaggaccgc	tgtattttgt	cctgatgtgg	gacagatcga	gtggaaaagc	420
gcagagcata	aagaactggc	ggagttaagc	ctcatcgacc	aaatcatacc	taaacagtac	480
cactggctcc	tggttatccc	gacgatgtgg	cgtaacaact	attgcaatca	cgatcagagg	540
ctagctcttt	ttcgtgaatg	gagggaaagc	aatggctgcg	gataa		585

&lt;210&gt; 4732

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4732

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ctcagaacaa	tgcttttttt	tggtcatggc	atattttttg	gttacagctt	ggctttccag	120
aatactgagg	agctcaaata	tcagattact	caggagggtta	atgcaagccg	gtccatcata	180
tcaaatgacc	gttggaagtc	tgctcattgca	aattagtgaag	cgactttaaa	ttggttggtta	240
catgactata	agtttaattga	ctatctgaat	actattctga	tccctgacac	caaaaaacca	300
gccagaggta	tttaacattgt	tgctgaaaaa	tttacctcta	tttaattacac	tatggccaaa	360
aacatacccc	tcttacttta	tcagtcacat	ttccgggtgga	acttaatcct	ggggtggcta	420
atcgtttttc	tgccttatct	atctgacctg	ctagcagatg	gaatgtacca	gtggaaaattg	480
aagaggtacg	tatttggtta	ggttacagtt	cagttttatc	gtatttggtt	tcgagcattt	540
tggtgatca	gtgctttaac	gatggtctac	ctggtcatgc	caaatatgtc	actattttaac	600
aatatcgctc	aacttttccc	accagtcgct	ttattgatac	tggaatttgc	attgaatcgc	660
ttgtggtcta	actttcaaaa	actcatgtaa				690

&lt;210&gt; 4733

&lt;211&gt; 510

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4733

ggatcgatga	acaacatatt	cttacagttt	cacatttatg	ggcttgatgc	aagcaaggat	60
tatagtttaa	gtataataac	aaggaatggg	agccaaccag	caacagttat	caatatgtat	120
gatccctaaga	accgggacct	cgctctttta	aaagtagaaa	aaaatactat	tgtcaaaagcc	180
ccacctaat	ggaagcttcc	agtatgtgat	aatgttctag	ctccagggtga	gtctgttttg	240
gttctatcgg	gaatgtataa	tacgctttca	aatacgtatg	cttcccccca	ctcaacctac	300
tattataaag	gaatagttgg	ttctgatggg	ttgactgctt	tttatcaaaa	tggagttagt	360
ggaagcgctg	tggttaaaaca	atctaagagt	tgcttatatg	gtgttggtgag	tcaacaagac	420
attaaaaaga	tcaatgtcta	tcagatatat	attacgaaga	ttactacaaa	tgaattata	480

cgcggtattca taggttataa aaataattaa

510

<210> 4734

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 4734

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cctttaaaag	gaacgtctat	catgtataaa	cttttaccg	caatactagt	ctttctttcg	120
gtgttccttg	gactaatcgc	tctactcagt	gctatcaaaa	atgggttctga	tgaattggcg	180
gtattcctca	ttacactttc	ggcgtgggtc	gctgctttta	gtaagtttta	ttcacttaaa	240
ctgtataaaa	atagtttag					258

<210> 4735

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 4735

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gtggttttaa	gaccatttat	tgtaaactct	gatgaattaa	tgcttactcc	agcggtatgtc	120
gttgaattta	attcgcaggt	tatcaacgtt	gatcggcagc	gtcatcctga	gtggttccgt	180
taa						183

<210> 4736

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 4736

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gggctcgagg	gcagcacgca	gcaacttaag	gcaactggc	aggatttacc	cgacagcgta	120
cccgcgtga	aaggctacac	cggtctgggat	catatgcgct	gtgatatgga	tgccggggcga	180
taa						183

<210> 4737

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 4737

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caggcgaaag	agccaccgac	acaggttggt	taccggttcg	atgatcaccg	ttttctcgaa	120
ttgaaaggct	ggggctgcga	aggtgaactc	tggtatacgg	atactcttcg	gggtattcat	180
accaggcccg	tcagtcaatt	ttatcggatt	ttcaccaaaa	aatttggtca	tccttctgaa	240
cgatatattg	ccatacccac	ctgggatgac	ccaggaacaa	tgatttcaaa	agattatggt	300
aaaacatggt	ctccccagtt	tttttcggta	gggcctaatt	agcccgatgg	tactaaccac	360
ccatcctatg	aggatattat	ttctttcacc	gtcgtcaacg	atcagggttt	tttactaacc	420
aaacaccggc	tgtatatgtc	atcaaagcca	tttgaagacc	cgcgcttctt	gcccggcggg	480
ccggggattg	cctataccgt	ggatgacgga	atgcgaaata	aagtaagcga	tacgctggac	540
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agcacgcagc	aattttaaagc	taactggcaa	gatttaccg	acagcgtacc	cgaagtgaag	660
gggtacaccg	gctgggatca	tatgcgctgt	gatatggatg	cggggcgata	a	711

<210> 4738

<211> 711

<212> DNA

<213> Enterobacter cloacae

<220>

&lt;221&gt;unsure

&lt;222&gt;(634)

&lt;400&gt; 4738

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caggctaaag	aaccgcccac	acagggttggt	taccggttcg	atgatcaccg	ttttctcgaa	120
ttgaaaggct	ggggctgcga	aggtgaactc	tggtatacgg	atacttttcg	gggtattcat	180
accaggcccc	tcagtcaatt	ttatcggatt	ttcaccaaaa	aatttggtca	tccttctgaa	240
cgatatattg	ccatacccac	ctgggatgac	ccaggaacaa	tgatttctaa	agattatggg	300
aaaacatggg	ctccccagtt	tttttcggta	gggcctaata	agcccgatgg	tactaaccaa	360
ccatcctatg	aggatattat	ttctttcacc	gtcgtcaacg	accagggttt	tttacagacc	420
aaacaccggc	tgtatatgtc	atcaaagcca	tttgaagacc	cgcgcattct	gcccggcggg	480
ccggggattg	cctataccgt	ggatgacgga	atgggaaata	aagtcagcgg	gaagctggac	540
ccccgttccc	ctggctgggc	gtggggaatg	gtctacatga	ctaagcaggg	gctcgagggc	600
agcacgcagc	aacttaaggc	taactggcaa	gatntaccg	acagcgtaac	cgacgtgaaa	660
ggctataccg	gctgggagca	catgcaatgc	aacatggatg	cgggaaata	g	711

&lt;210&gt; 4739

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(86)

&lt;400&gt; 4739

ggagataaag	cgatgaaagg	cgtcattagg	ttaaacgata	cgctgataag	cggaagaaaa	60
gtcactaagg	cctctggggc	aaactntatg	gggcagcccg	tggccttaaa	agatgatctt	120
gcgcagtgtc	cgctccataa	agggaagttc	gcaatcactg	attgtcacca	acctggaaca	180
tgcattggcc	ttgggttggtg	gtaa				204

&lt;210&gt; 4740

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4740

atggctaaat	taacagacat	ttacagttac	ccatcgttga	tagaaattgc	ctatcaagcc	60
ttgtcatatc	tgagttttta	cctatcaact	gtttatatct	gaaaaagaga	taaaaagcag	120
tttttatata	acctgttttt	tgtctcaaaa	ggagatagtt	ttgatactgc	tgaaaaaggt	180
ctaaaaaggt	gtgttttag					198

&lt;210&gt; 4741

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4741

actggcgacc	aagatcgaga	atggttttgg	cacgaatggt	tccgtcgagg	tggcggtgaa	60
tatcagttta	aggcaggcgt	gtatcaatca	tggtcgcact	ctttgctggg	taaagtgcgc	120
catattataa	aaacaaaacg	gggtaaaaag	ctatttgcgc	aagggaatat	tccgttgcgc	180
aaataa						186

&lt;210&gt; 4742

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4742

gcgcgggatt	cagccaggcc	tgtgcggcaa	gacgaaggcg	ccaaagcggg	tgctctggtt	60
------------	------------	------------	------------	------------	------------	----

ccagcgacgc	gccagataac	cgtcaaacca	gtccgtcacg	gcagcgatca	ggaaaataag	120
cgcacaggca	aaaggcgccc	agacgaccgg	caggtaaaat	gccaggacga	agaacggaat	180
gagcacaacg	cgaaaagagag	tgagcaacgt	agggatatta	aatcgcatga	tgacggtaac	240
tgtctgttgt	cagtaaaatt	tagctctatg	ttgctacaga	gccctcaatg	tttcaacgag	300
tag						303

&lt;210&gt; 4743

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4743

attatgaaca	ttaccgacaa	agaacttatc	tcaaatatag	tgagacagta	tggatggaac	60
ttacgagagt	tcaatcactc	aacgcctttt	acatctcatt	ttattttatat	caccgactat	120
cataaagata	atacatggat	gatttcactt	tcgcaggagg	attttaatac	aaccaaaatt	180
ttaacatcgt	taagtctagg	gaaggtgcga	acaagttcct	ga		222

&lt;210&gt; 4744

&lt;211&gt; 516

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4744

atggtagaag	cacgttatca	aggcaagcct	gttagcagtc	ttcctgaaga	agctttttgct	60
gaagggttat	cgcgatccgg	tttaagcccc	gttctgctac	tgccatcccc	gaccacagta	120
cccgttacca	cggatgagcg	ctgggtggctc	gcaaaggaaa	acgtgtcagg	acattacggc	180
aggatttttt	atgctgcggt	gcgggagttg	gtcataaggt	cggatatcat	ctcagtagtg	240
agaagtattg	cagatgagaa	tttcacgtcc	gaacatatgg	ggtacttcga	gcgacttacc	300
tctgatgaaa	aagaagtcgt	gtttagtgat	tacctgcgca	ctctcgctga	aggcgggtctt	360
acctgcactg	agaagaatct	cgtcaaactg	acgcaagatt	tatacccgat	tgatgcaact	420
cctgacaaca	ttagaaaagct	atccacggac	agggatgcac	tgaacgaact	acacatcgat	480
ggtatggtag	tttttattac	cggccctgcg	ctttga			516

&lt;210&gt; 4745

&lt;211&gt; 501

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4745

aggctctaaca	tgatagtaaa	taaaaacagg	tttatgcata	aaaacgggaa	aagggtttaag	60
tccatcgga	ggtattttaag	attttgccaa	gcagtagcgt	cctctgggtt	acccatggac	120
atggtaatac	gggaaaaaacc	atatcaactt	atggtcgctt	tgattgcttt	atatacggcc	180
atccctgttg	ttacaatagt	aatttttatct	ggtcagcaat	cgcataagtt	ggaactaatt	240
gctgtgcatt	tcagtacaat	tatcacgatg	gtgtttgttt	tgcgctcgaaa	gatggggaaa	300
cgttggtctg	atttatttga	agaaaaatta	gccatttata	aacctaatga	taaactcgcg	360
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gatttggtact	ggaaagagaa	gatgacatat	gagtatcaca	aagaacgtaa	aacaactata	480
agctatcaaa	aattcaagta	g				501

&lt;210&gt; 4746

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4746

tatggttttt	cccgtattac	catgtccatg	ggtaaaccag	aggacgctac	tgcttgccaa	60
aatcttaaat	accttccgat	ggacttaaac	cttttcccgt	ttttatgcat	aaacctgttt	120
ttatttacta	tcatgttaga	cctctatttt	tctgtaattc	tagaagaatg	ttaccttaac	180
ccttaa						186

&lt;210&gt; 4747

<211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4747  
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 atgatatgcg ctccacgact gcgtgctgtg atacggggga atgctctcct tctctgttca 180  
 gggtttctga ttaaagtga a 201

<210> 4748  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

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 aaaaggcaca aaacaacaac tattttacaa attggcgacc tggcaggctg ctttatcgcc 120  
 cctttaaatg atatactgcc tgtcgttcgt tcaaaaatag ttgataatta caacattccc 180  
 ttgaattga 189

<210> 4749  
 <211> 234  
 <212> DNA  
 <213> Enterobacter cloacae

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 gaagagcgca acgcggaacg tctcgacgat gcggataaaa aagcccaggc gattgtcgcc 120  
 gatgacgact gcggggaatg cctgcaagat ctgaagaaaa agcaccgggc tccccgggtg 180  
 tttttttatg aatgcctttt gttacctgat atcagatctc cggcgttttg ctaa 234

<210> 4750  
 <211> 231  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4750  
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 tacggcgaaac caggaaaaat agataattta ccgaattcga ccatggttta tggttttacc 180  
 gaaattcgca ccgttaaaga atcccaaattg aagcaccata ttcctaaaag t 231

<210> 4751  
 <211> 1110  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4751  
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 cagcctaatac tgagatcaga gttgatagat cgatgcattg tagcctggcg agctgataac 180  
 agggggggcga cgctggaagc tgccatgagt acagagaagg gctccaaaga gctcctgaac 240  
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 tatgccgcac cagcaaattt tgaatgcgac aaccggatgg aagggcattg ctgggttcat 420  
 cgaatggtac ttgctacatc ccgaaatgtc ttaaactgca ctcatcaacg ttttgcgaaa 480  
 atgaaacact tcttaccagc tgaaaacacc ctggttcgaag atgaacagct ggtggccaca 540  
 tggtcgggca aaaagactgc tttcaaaagc ttcgaagaga agcagcggtta ttttgataca 600  
 tgctcccggtg gcgctcaggc tcttaagcag tttttaaaagc tgaacgatcc ggtgatttac 660  
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gtacagcaag	taagcctaatt	ggctcctggt	gcggtcaaga	gcgaaaaagg	taaagccagc	780
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gagttgcagg	cgctgttcct	tgaggaatac	ctgtccaaat	ttgaaaataa	agaggtcaat	900
aaagaaaagc	tacttttcacg	cagaaatacc	gctctgtctc	tcagttttta	caccatggac	960
aacggggaag	taccagatga	aatcctcgtc	accaaatacag	ttgataatgc	cagacggtgg	1020
tattcaggaa	tggtcacaag	catgccaacg	atgttaaatag	accagtgggc	cgtcttcacc	1080
acgggagctg	gcaggatccg	cgcttattta				1110

&lt;210&gt; 4752

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4752

aactggcaga	tttgctacac	agtaaaccctt	catcgccgcg	tcatagtgcg	ctttcataga	60
cgatatctgc	tttcaaagg	gagcagattt	gccacatttt	tcatgtactc	cctttcaggc	120
ttagagagtt	ttattgtgca	gtcaccgcga	ggcgctcctc	acagactgcc	ggaacattgg	180
tggtcgcagc	ttaagtgcga	ctgtagccac	ccgaaggcgc	tcatcacagg	ctacaagagc	240
attggtggtc	gccagtgcga	cagtacaaca	gtttga			276

&lt;210&gt; 4753

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4753

cggaggggca	ggagatatct	catgtacaga	aacgacagaa	acgtggattc	cttcaacctg	60
gttaatgctc	ttcagccggt	ctttcgtaac	accggctgtg	ggatgtttga	atatgatcgt	120
aaaaagcaga	atgaaaccgc	tgattcaatc	ttacgagcgt	tggcggttaa	tgccgatttc	180
gcgagggcct	taaaacagta	cgcccggtat	aattctgtac	gacgggttgt	tcagttcgat	240
gacggctcgg	ttcgctatgg	tattcatgcc	gaatttgaag	ggcataataa	aattaattcc	300
ttccgtattt	ttaaagatga	agatacacag	gcatttgact	cctattttta	ttcgggtttg	360
gataataaag	ctgagctggt	ggatttttaa	atggactctc	tcgatattca	attgcaggca	420
gtttttgaaa	aggtgacagg	tattttttctg	tcacattaa			459

&lt;210&gt; 4754

&lt;211&gt; 369

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4754

aagaaattac	agtgtgggtt	attagccagt	aggtcggagt	tttatataat	acccaaaaaac	60
acaggaggta	ttatgaaaac	caatctggcc	tatgcatcta	attgctccga	ttctgtctac	120
tcctatatatt	atcaggcact	gcaaaaacgc	tctggtgccg	agaatgaaag	cctttatcag	180
caggccattt	ccagctgctg	cacagataaa	caaaaaaaga	aactggccgg	gtattatgcc	240
ggtccatgga	agctgctatt	caacgcgtgg	tgtaacaatc	gcgtccctaa	cacagcgggtg	300
ctggcccttt	tactccagca	gtgcttatct	catttccagt	gcgaaaaagt	gatcgagacc	360
tggcagtaa						369

&lt;210&gt; 4755

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4755

aatatagatg	agatgaatat	gaaaaacgta	aatatttttg	ataccgatat	tgccggccatt	60
aatgctcttt	ctggcgtaaa	actgactgac	tttctcactg	ccgggtatca	ggtaaactgg	120
ttaggagaaa	gggaggtttc	gctggtgggc	tttccgtggt	tagcaagcaa	caagcagccg	180
gtagaagttg	gtcccggcat	tttcattaat	cgcgtgtaca	gcagagacag	ccagtctctg	240
agcgggaaat	tgcgctatga	cctgtctaata	ggtctggcaa	cgagtgcatt	ttcatttttc	300
tcccagtcag	gctgggtatgg	gggattccgt	gtcgtatctt	tccgtgacaa	cgggccagct	360



gcgttaatca	acattgggtat	tgtccatgag	aatgttttga	atgcattttg	tgctgacttc	420
ccccgggcc	atgtgagcgt	aacccggttt	cattgtggca	tgacgottga	gcagatccga	480
atgttcattt	cagacactgc	ttacgatatg	ccgctttata	acaacgagtc	tgactttcgc	540
aggctcgcca	gttag					555

&lt;210&gt; 4756

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4756

aatcgccagc	agatatcaac	gcccattaag	aaactccatt	actatcggtc	gtatgagata	60
actatcattt	cagaatacta	tgacttcttc	ccgtatagaa	ctaatecgctc	acgccattta	120
gctacttact	ttttttacgt	acgcttgca	cgagtagcct	tgagagaagt	aagtaagact	180
gggcgaagcc	aaccgggttc	gccacctcgc	tcaccggctt	ttaggcgtaa	gcactga	237

&lt;210&gt; 4757

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4757

cgtatcaccc	tttcgagcgg	cgggaaaacc	accgatgatg	acgtccgggc	ttccggactg	60
tattggcccc	gaatgtgcgc	tgacatctat	ggtcgctctg	gcggcaggct	gtcccatgtt	120
caaaaatcct	tctacatatt	agctgttaat	tttaacaaca	gcgcctttaa	tatctgtcag	180
gtttgtacca	ttgagatgaa	gagtatcatt	agctttcatc	tcggcattta	ttccgccgcc	240
ttaa						243

&lt;210&gt; 4758

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4758

acttctactt	ctacttctac	tttttctaac	aaagatgaaa	tttttgtccg	catttccccg	60
gttctgttgt	tcctgtcatt	aaccattgaa	gaagtgttaa	catcaaaca	attcgatata	120
acatatgtgt	ttttgacttc	ctgggttaga	agcgcgatac	tatttattca	acgcaggaga	180
tcctaa						186

&lt;210&gt; 4759

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (481)

&lt;400&gt; 4759

acaactgtaa	ggtcaaatat	ggaagctatc	aataattaca	atagcggttt	aaatcgccat	60
caattaggtg	ggtttatccc	tgtttacgat	caattagcag	ggactcacta	ttttttgatt	120
gatggcaaca	gattaggggt	tatgtttatc	tgtaatccat	cccctggagt	ttttgataat	180
cagcaagatg	ttcttgctga	aatgttcaaa	atggatttcc	ctacagatac	tgtctgtcaa	240
atatctctga	ctgcattgcc	agacctgact	ttacagctta	gtgcttggtc	agctgtgcga	300
ggtgggcgta	tgactgggaa	cgataagctt	aaagcagatc	tgcttaaatg	ttatcagttg	360
gactactacg	acagaagtat	gcataagcct	ttaaaacctg	atcatgatac	ccttatgttg	420
agggattttc	aggtatggat	ctcgcctatc	attcctttac	agtttgccct	tcctaccgag	480
ntggaacatt	cgcgatcga	ttcactttac	tctgaacttg	taagtaagtt	aattacgatt	540
ggattgcata	cgtttaaggt	cgatgcagaa	aactggctct	attgtataga	taaggtcgta	600
aacccccgca	aagaactccc	ggtgggctga				630

<210> 4760  
 <211> 459  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4760  
 actttcccggt tgggggtttat tatgaaaaca cctaatagaag ctgaatcaga gctttttacag 60  
 acattagctc aagtagcgag cgtaaataaa aagcgacatc atgacgaggc ggaagagccg 120  
 gataagccat cggtagtgaa gaggcaacgc gttacacaag gcttaacgcg gattagtact 180  
 ctcgatcgcc aggtgtgact gcatgcagcc atacgggaca ttttgctggg gaaaatcaca 240  
 cagggagagg cgctgaaaag gctcagggtc gaggtgttag ggctgaagca ggatgaatat 300  
 gcaaagctgg tcagcgtatc ccggaaaaca ttgtcggatg tagaaaataa cagaggcaat 360  
 tattccgctg acgtcataaa taaaatcttt aaaccctttg ggcttcaaac cggactagtg 420  
 cccgtttcaa aatcgcttat cgcttcactt ttctcataa 459

<210> 4761  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4761  
 tactcccata actctaatac gcttggctgg ttttaaccctt cggtagctgt ccatcagggtg 60  
 tcgtttttttt ccgtaagaat gtctatagat ggcgctccgc agaaagaggt ggggtgttacg 120  
 gttattctgc cagaaatccc gttgtgttca ggctgtgtcc tgtcgttccg gcaggacact 180  
 tggctgtga 189

<210> 4762  
 <211> 939  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4762  
 gttatgacga ttgaaagctt tttcatcggc actcgcattgt caggaaaacg ttatggacct 60  
 cagagtaaag acatgcagggt ttctgaattc atagcactta tatctccgaa aaatgaacca 120  
 gagaaatttg tcttaccgga tttctccggt ctggcacgtc ggattgacgc ccagatccgg 180  
 aatcagttta ttcagcaaaa agaggatgac tattaccgtc gataccgaca gctttcggac 240  
 cgggtggtatc aggcgggtc tatcagtgac agaaacaatc gcagccagcg ttttgagaag 300  
 gtcatggatg agtcgcttga gtttttggtt tacagtcatt atgttatgcc caacatcaac 360  
 ccatataatc tcaaatacga tgatcgcggt cagggttagca cgaaaggcaa aatgtactgc 420  
 gtacgccttc tgttccatat tatcgctcga gcggcctatg agccagtcct tgtaggtgca 480  
 gatcctacgc tgcaaaggca ttgcaagtgg ctgaaggact ggattaataa aacgttaggg 540  
 gatcattttt tagagggaat gatgattact ttcgcccttt gttatcctga ccaactttcct 600  
 gccctgcagc gccttagcgg agagtttagaa acacgtgatg ttgacacatt cctggctgac 660  
 gaagttcgtg aggcaaggca acacacagag gaacagggtta attatcataa cggccggtac 720  
 cggttgaaat tcgagtacac tcaactttcac caggagcaat ttgatttttt agccgaaatg 780  
 cgtgatctcc attaccggat agatcgtatt gaacagctcc ttcagaaact gatagataac 840  
 ccggtagtag atttcagtga agctgctgtt gcagggcagt ggattgacga acaagtacag 900  
 ctgcttgaaa caaacgaaac gaagctaata ctcccataa 939

<210> 4763  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4763  
 agtccattga gtaggacgcc cgcgccctgc ggggctgaag agtgtttgac attgatagag 60  
 tccattaacg ttaataagag gactctatca tcgtcaatcg ttagtaatcg caacaggcgg 120  
 cagtggcttg acgcttacac ccaatctccg gagattcaca tgcctttctc tgattttctg 180  
 aaaatcattc agaagtttca gtgtgcaact gtgctggaaa aagtactgat gctgctgttt 240  
 gtaattctga tcattgtgca acaggtgatc gatacgttct gcagtcgata a 291

<210> 4764  
 <211> 597  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4764  
 tcaaggggca ttatggcacg cacatacgtt aagcaaacag tacagaacaa tgaacaactt 60  
 tttgattcct tagtgataaa tgccatagat ttccttgagt catcaattga tgatttaaatt 120  
 attaggccca agaattcgat tgttgatttc tatacagcca ttgaactttt cttaaaagca 180  
 aggttaaatgc tcgaacactg gactttaata ttagatgacc ctagcaaagc taataaacia 240  
 aaatttagcg ttggtgactt taattctgtg tattttaatg acgcagttca acgtctcaaa 300  
 accattattg gcattaaact tgatgacaat atccttgatg agttcagaac gttagggtgcg 360  
 cataggaacc aaattgttca ctttgccacac actggatatt caagcactca agctaataaa 420  
 gcaggggttg tagctcaaca atggtcttca tggcaccatt tatataattt actcactgtt 480  
 gaatggaaaag atgaatttat taaatttaag gaagagtttg agcgtgtgca taagagaatg 540  
 ctgcaacaaa aagattttcct cagcaccgga ttcaatgagc tttcaaaggg agattga 597

<210> 4765  
 <211> 453  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4765  
 gtgaagacca atagattcat agtttctacc gttgattgta tcaatgaatt tgcaagtgc 60  
 gttccgcaga gtgtttcctt acggatagat acaatgcttg aacagcgtat ccgcaaattg 120  
 gcggcatacg tgaaagaaaa cgatcttcat ttaactgagt tttacttcta tgacgctaac 180  
 tggtcatttt gtggtgaaga tgaaattcaa gaaataaaag acatggatga atataagcat 240  
 agcgacagca taaagcagga agcgtatgctg cgggaagtaa tgccatcagc acgtacggaa 300  
 tgcccgggta ttaggggtgat gaaagattca tttcagcttt cagctctacc acgccattgt 360  
 ggtgatgaca tgactcttaa cactcctttt attccgctgt ctgagttgaa aacaaataat 420  
 acggcattta ttacgcccgc aacctataac taa 453

<210> 4766  
 <211> 414  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4766  
 tgcagcatat accgtgggtc aggaaaaatat atgtttattg aaaaaagcga ctcatctcctt 60  
 gaattatcct cagaagtatt ttttcctgag gcggctaatt ctgccatttt gaaacatgat 120  
 aaatgggcgg atgtttggga gaccctgaca accgatgccg atctgaacta taccgatgaa 180  
 aaggagactg tgagtctttc ttctctggtc atgtcagcca catctgctat ttatcaggct 240  
 attacggacg gctggacaat gtgcgtggga tacagtggcg gcaaagactc ccattctctt 300  
 ctgcacctgt ttctgatggc attgatcagg gcagtacgta acggcacaaa tatcagcgaa 360  
 catcatttca ttcagatgtc cgatacgaac tactaccaca ctgtttacagc gtag 414

<210> 4767  
 <211> 222  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4767  
 gatatttgtg gtgatctcat aagcacattg tggacattta ttgatattctt aactgaaaaa 60  
 tttgaatggc actttacact ttgggcaaag caaactatcg gtgaattgct ctaccgcata 120  
 gcccttgcca ttcccaaaca agaaattcat aaatcatctc ccccatthtat gagtatcatt 180  
 aactttaacc ggctttccac ggccccattt gaccgcactt aa 222

<210> 4768  
 <211> 228  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4768  
gcaaaacat tggctcggtc gctttcagtc cggttcgcca agacctcata tcagtacttg 60  
atggctgtgg gaaatcttcg ggatgcgtat gccattcgcc caaatagact agagaacat 120  
ctgattgctg aaataagtca tccacttttt gctgatgatg ttctcctttt ctttctattc 180  
gtgttcgcga tcttacatca cctgatccag gttctgatat gtgagtga 228

<210> 4769

<211> 930

<212> DNA

<213> *Enterobacter cloacae*

<400> 4769  
catgattggt tcataggaac tatttactcc ccatacgtta tgaacatatt cttgccccaa 60  
catcttgaca ttgccaatcc gtatgtaaaa atacaaaaaa aaagtgagca agatagagaa 120  
atggaatcaa aaaatagtag tttttatttt gatagagttg actttttatc taagtctatc 180  
agctattcaa cattaatgat ttctgtctta tcgatcgctg ggattttttt gaatttctcat 240  
tggctctacg gtatcgcaac cctcactttt ataatacaac tcctcacttg gtttgcaatg 300  
cattttaaaa ctctgtatgc agctaaggct atagaaacaa aaagattaga aatgctgaga 360  
ggtattatag gcgaggaaaa tttttatcga gagcggtctt acattgatgg gaatgcgga 420  
aataaaaaatg gctttcgtgc agagaggtta ataacactca tacaagagaa tgcatactgg 480  
aactctatct tatatattaa agctttccag cagaagttat tctatttatt actaacaata 540  
ctactactaa ttactataat tattattatg tataccacgc tgaactgataa tttagatttt 600  
cagtatagcc gcgccatatt tgggatacta gtcataaata atttctataa tttattctca 660  
gaggtgtcag gttttctcaa cgctcacaat gagatgaaaa aaatagatag cttcatagag 720  
attaataacc gcaaagcacc agaatatcta tcttatatat attctaaata cgaacatgag 780  
atatttattg ctccaagcat taataatgca atttatttaa aacacagtat gcaaataaaa 840  
cagacctggg ccagcggtt ttataataaa aataactttc aaagcaaaca attgatcgac 900  
gcgattacag aatttacatt agtacgccc 930

<210> 4770

<211> 792

<212> DNA

<213> *Enterobacter cloacae*

<400> 4770  
ccccggtga gagctccttt gccgctagtg gcaggtgtag aaaatcagcg cttgattgcg 60  
catccttcg gtatggcct ttttgcagat gtgctaactc tcaaaacgca ctgctccggc 120  
gacgaggtca tttcacgtta taccgtacag aaagattaca atccgcaaga aggaggcgga 180  
aattatttcc tgattaaagc ggcctgtgcc gctcgcgact accctgcgct ggcgaatgat 240  
atttacttta ctgtagtga ctgggattta ctgcactgta gtaacttggg tctggctgaa 300  
ctgcttaaga ccgtgaacct cagtgctaaa aacagcagtg gatttaaagt accggaatcc 360  
tggcaggtga atcccttac agaaacgcgc ctggtggtcg agcaactcgtt tgatggcatt 420  
aactacggtg tcattaatct ttgctttttt tcgcaggaga tgttggtttac cgcgaggat 480  
gttttttagcg ttctgattaa acggtttcac gatcgagaac ctgccgttac gcttaagact 540  
gaagcacttg ctactattcc aaatgagttt aatccatccc tcggaaaaac actgtggaca 600  
tgccgggggg aaatgttcag cgcagaggaa gaaatgcgcg ctggtttacca gtgctatatt 660  
tttagcgtgg gcaaagtctg gtgctatgca gaactgattg gcagacaccg taactatcat 720  
gattaccact tcgaggcgaa taaacgctgc ctcgaaatca tcctgtcaac attccatata 780  
gaaaatgtct aa 792

<210> 4771

<211> 399

<212> DNA

<213> *Enterobacter cloacae*

<400> 4771  
ttaactgaat ctactgcaat gaatgaaatg acaatgtttg gttacgttga tagagcatta 60  
actttagcac agaaaagata tgcagacgtc aagaatcgtg atccccaatc cccgcttttg 120  
caaatgtacg actctattgt acaacaatta ttatttctac gggatttaat cgaaggcaag 180  
gaaaaggata gagcgaaatt atgggatatg acgttcggta tgtatgcagg gaaggagttt 240

gatcattctg	atgagttggt	ttttgaaagg	ttgtcagatg	cctgggtttat	tgtggatcaa	300
atccgccgag	gggttaaagg	taggctgccg	catgaggtcg	ataccaacta	taataaaaag	360
aaacaaaacc	tcatgaagaa	attccctgat	gaatttttag			399

&lt;210&gt; 4772

&lt;211&gt; 252

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4772

ttctctgagg	tcagttactc	cactcatggc	attagatacc	aggagcatat	taatgccagt	60
aagaatgatg	cctgtaacaa	cagcaaaaagt	tataaacgac	ctgaaattag	tcagggttata	120
ggtttcatgt	ctgacaccgc	ttattccata	tatctgaaaa	aatggcaatc	caaataattac	180
catcaaatcc	agataaagaa	gaaaacgaat	aacaatcata	atcaggtcgt	tcataaatatt	240
acttcactgt	aa					252

&lt;210&gt; 4773

&lt;211&gt; 405

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4773

tgtgtaaagc	agcttaaaac	tctaaatgga	cgaacagggg	agggtgacaa	gatgacaacc	60
aatacaacaa	cgaccaccta	ccgctcagaa	gaaatcgtgc	cgttcagacg	gccccaaagg	120
gatctggata	gtcgggtatat	gcctcaggtg	tatgcaatgg	tgcggaactg	ggcaagtaac	180
cctgctcaat	atgggtgagg	tgtactggcc	tcctaccgcc	aaccggcagt	aaaccttgcc	240
taccaggtaa	aaggaactcg	tgttggttta	attctggtac	cagtagagtg	cgagccacct	300
ggagtataa	tgacggaaac	agtcctgtgg	ccgtcactat	cacttgtaga	agtcttgacg	360
accttgacag	aggcctggca	aaatatcccg	gcgttaaacc	cctga		405

&lt;210&gt; 4774

&lt;211&gt; 306

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4774

tcacatacaa	aggagggcat	tatgaataca	tttttatacg	tgcttttggc	ctggattggt	60
gtgcttttta	tcgccaacaa	actgctcgca	agacgtaagc	ccaatacggg	taaaatcctg	120
gtacagcgca	acgggaaagc	cgcagaggtt	gatgctgtag	tggttcaggg	ttcaaagaga	180
gctaacaaca	gttctgttgc	ggacagcgac	gcggtagata	gttattttga	aatgaatcct	240
tactcccgcg	aaaaccaggc	gaatgggttg	gctatgctgg	ccagagacga	tgaccagcct	300
aaataa						306

&lt;210&gt; 4775

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4775

ccattccggc	ttgatgccat	caaacttaca	acgtccgttt	atgatgacga	cattgatata	60
ttccagttct	ctagccttaa	gagcagactg	aatagccctg	atgtgccoct	ggttttgctt	120
aaacgggttc	tgcaacttga	gggttcggga	ctgagtccat	ttccgccagt	ggctttcctc	180
cagagtaccg	tagagcttgc	ctacgtagtt	tttctgctct	atgacgtata	taccatgtgg	240
ggctacgaga	atgtgatcaa	cctgcgtagt	gctatgagcc	gacaactgaa	agggtgagatc	300
actaagtag						309

&lt;210&gt; 4776

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4776

accggctgga	tctgcggcgt	ttgctgcgcc	gttgaggtgc	ccatttttagg	cggaggggtg	60
atcaacattc	cgctggacgt	gttaccgcag	ccgctgggtc	cattaacgga	actgacgggc	120
gcaggcgcgt	tatttgaaact	tgtacagcct	gccagccaga	gcgaaaccag	tgataatgcc	180
gcaacacgtc	ttcaccgcgc	gggccggcag	gaaccgcagt	ga		222

&lt;210&gt; 4777

&lt;211&gt; 561

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4777

ctgatgaggt	ttttgaatcc	ccaatggcga	aagccgtgta	cgttgctggt	gggcaaagtt	60
cgcttgctaa	aaaggttggc	gttacgcaag	gagctgtctg	gaagtgggtc	agggggatca	120
agaaaagttc	tccgggtccat	gcagtggcag	tctcaaaccg	agttaatgga	gttgттаagc	180
ctcatgaact	gcgtcctgat	ttgccgactc	ttttccctca	cccgggcaat	gaggtgtgat	240
atgtcgcggc	atgctggagg	aatcatgaat	cactctgact	tcgtacgtaa	atattcattc	300
gataacccac	ttcagcgggt	gggtcatgctt	cgcattttta	tgggcggatc	tatggatgga	360
gaaggggagc	gagtaatcga	tcatacaggta	ctgtacgaat	tctgttgctg	ctcaaagcag	420
gcaatgttta	aggagatcaa	ggcccttgaa	cgagcaggct	tcctgaaagt	gagaaaaatt	480
ggtgctctcg	ataccgggct	tgcagttcgt	cttgagccag	ctcgcgggta	cacaatcacg	540
ccagttcagg	agttttgtgtg	a				561

&lt;210&gt; 4778

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4778

tcacccaact	gcttggttttc	gataaacaag	ggaaacttac	gaaacacttt	acgaatctct	60
gcaagcataa	taaataaatt	caactatcat	tcatattgtg	aatggatacg	gagtaagagc	120
gtggagccta	ctaattttacc	agccaaacgc	ctgaatgaaa	ccagcggcga	agataagccg	180
caaattttcc	ccgacgtctt	cactcactga				210

&lt;210&gt; 4779

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4779

aatagtggct	ctggctcatc	gaatgaagac	ctatgtcctg	tgattattgt	caccaaatat	60
cgtattaaac	cctccctgtc	actggctaac	gacgaaaact	tattttatca	ttcaaaaaat	120
caaggcggat	tgatccggcc	tgaagggttc	caggttacgc	ttagttcagg	ttgcactaat	180
catccgccca	cttttactta	a				201

&lt;210&gt; 4780

&lt;211&gt; 354

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4780

catactccga	ggaataaaaat	gaatattgaa	gttttacgct	atctcgaaag	tgacgggtcgc	60
gaacacgttg	aggaaaaggt	gcaaccgacc	aagtatgata	gtgaagcaac	ttttgcagta	120
ataaagattc	tcatagccaa	tgatggcaat	gcagatgctc	tgagtgataa	gcaaaaattc	180
catctcaaaa	ctttcgtaga	acccttaatc	aaccgtgttc	cttgctctgg	tatctatggg	240
gaagatacct	gcacaggcga	tggttttgtt	gacgatgaat	ctctgtttgat	gagctatcaa	300
gaggacgatt	ttatgtgcc	acactgccgg	tatgatgcgg	aaaatcgaca	ttaa	354

&lt;210&gt; 4781

&lt;211&gt; 399

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4781

aagggcgggc	gcatgagcag	gaaaagcaca	tacaaaacca	aagccgaaaa	tgagcacctg	60
gcccgcgttg	ccgcgctggg	atgcatcgtc	tgtaaaaaca	tcggacatga	agatactccg	120
gctgaaatcc	atcactgcag	caaaggcacc	ggcttagccg	ttcgtgcaga	taatttccat	180
gtcatcccg	tttgcgccat	tcaccacaga	caggggtggc	acggcggttg	aattcacgct	240
ggccgaaata	cctgggtaca	gaaatacgg	acggaagcag	agctgctggc	acaggtaa	300
gcagaattgg	ggatagcagc	atggcattcc	atccaatcaa	tatcttcaca	ttacaacctt	360
aatggcgcg	ccagtttact	gaaggaagaa	aataaatga			399

## &lt;210&gt; 4782

## &lt;211&gt; 282

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4782

gcaaatttaa	attactctga	tgtctccaac	gataatacac	tgtgtaaata	tacagtgtgg	60
tggtttctaa	cgggagatat	catgcacatt	tcagacgatg	tgatacccg	cgcagcggg	120
catactggcc	ctgttttagt	ctatctagag	tgtggtcgga	ttagcggcgg	atttgtttta	180
cagccagatg	agttcgttac	ttcgtctggc	gctcttgatg	aagcgcgaca	gcacgcaggc	240
cttactccgt	gctcttttag	ccatccagta	agtgatttat	aa		282

## &lt;210&gt; 4783

## &lt;211&gt; 267

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4783

actgttaatc	gctcattttg	ttattggtat	ctctctgaga	acaattgcaa	agaaaaagaa	60
atgctcggat	ggtactgtaa	gaaaagatct	gcaaaccgca	ctcgggttcg	tagaggggg	120
gatgtcaatg	ctataaaatg	gggggatgcc	ccccctttac	tttactgttt	taacagtagc	180
cttatatttt	gcctaataat	gattagacag	tgtaataaga	aaaaaacagt	aactatggca	240
agccagacgc	aaaataaaca	agcgtaa				267

## &lt;210&gt; 4784

## &lt;211&gt; 288

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4784

cttccccccc	cgaatggcgc	gctgatgcct	ccatcccacg	tggtcgaaga	caagcgtatg	60
aaaaatattc	gtacagtcaa	aaagggtgtt	tcagagatgt	tagtcagggt	cgaaaacttc	120
caagagatct	gtcggttata	cgtagaccgg	aaaatggagc	tttgttttac	tacggatagt	180
gctgacagga	gtaaattatg	ggaaattcaa	agccgcgaga	attgtagcta	tggcgaggca	240
atagaaattc	tctatgctca	agaagtagca	gcgggtttgg	ccgcgtag		288

## &lt;210&gt; 4785

## &lt;211&gt; 249

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4785

cgatcatattc	ctgcgtgccg	gtctgccgac	accagtgcac	gggctttttt	cggtcatcac	60
attaccgggc	aggagatttt	atcaggacgt	ggtgtgactg	agcagcagct	ggggcactgt	120
catccgcttg	cagattttaac	ccccttaatc	gccaaactgg	cgttcagtc	tgatagtgtc	180
cttccgtcct	gggcagggtt	gctaacaagt	gctcccttaa	tacgaaatgc	gcctgctgat	240
aaagattaa						249

## &lt;210&gt; 4786

## &lt;211&gt; 576

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4786

cgggagtagt	accgttatgg	tgatgctcgt	cgttttacat	cggagagcat	tttaatgaat	60
tttcaaaacta	acgaagtgtt	taataaaattt	gctgctgtta	taaaatcgcg	catcgtcaat	120
gaaccatcgt	catgctatgt	gctgcatgat	aatgagatag	atataacgat	tttgaaacat	180
ggcatattag	aaaatgacag	aaacctgttg	tacgtagtgc	gtccttcagg	aacgtgtttg	240
ttgcgtttgtg	acaaatattt	ctatccgaaa	tattatcttc	gttgccgtgg	agattataag	300
tcattcatat	atgtccatct	tgatctacat	agtgggtgaag	ctaaagaaat	cacatgggag	360
caagcagacg	atattgctgtc	tagtccagga	aaacccccat	taaaaggaaa	tcttgagcga	420
tttgagtata	taaaagtgtg	ggttgaggac	cttcgtattc	gagggttacgc	tgattatctt	480
cctgcgtata	atcttgatga	ccttcgccgt	tttgccttac	aggacgaccg	cccatccctt	540
gtcagatata	ttgacaatgt	aatggcaacg	gtctga			576

&lt;210&gt; 4787

&lt;211&gt; 924

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4787

tggccaacct	gcatcagga	ggcctcaata	acgactggag	gctgtatgaa	gtagctacg	60
gacctggtaa	aagctatgtt	gattagaaat	ggtgttgaac	cagtaaatat	aagcgaatca	120
tctaaattat	ctttgaaaca	accactgaca	gaacttaaat	tcagtgttata	tttgcgaact	180
gagcatttat	ctcacttcc	accggttat	gtttattcta	taaaagaatg	tccactgtca	240
tatgacatcg	ggatcgaaat	tcagaaaatc	ttcgaaagtt	tacatttgtt	aaacgaagaa	300
tttgaatccc	tcggttttgt	ttctgtatgg	atagaaatgc	atcaaagcat	ttttgaacaa	360
agtcggttta	agaaaagtaa	ctttactttt	cgggaggaag	aggtcgagct	tgctaaaggg	420
cttggtttgt	ctcacaaatc	acaaataagt	aatgcggctt	atctctggct	tcagcacttt	480
gaggagttaa	tgatttatgt	tcgtaataaa	cttatcgacc	tctttcgaga	ggcctatgac	540
ctgacccctg	gaatgcagca	agtatttttc	attcgggaaa	aggaagagct	gttgaaaact	600
ataagttatg	gggatgacct	gtatgaggtg	aaattaatgg	cggctgagct	ttactctatc	660
gaacagaact	taaagtgttc	tgaatcgata	agtacaaaat	ctcaagcttc	ggcatatatt	720
aaccgcatcc	gtgagtttgt	gcgttcgggg	tggaggcagg	gctatatagt	ctgccatcat	780
aagcgaagta	atcaaattct	atcattgtca	ttaccgatgt	acttgaaaga	tacgtcaggc	840
cgaagtgtct	gaaagcgagt	aaaacgtctt	atatcttcta	cagtttgttg	tagaaataaa	900
gatttaggtc	ttacagattt	ttaa				924

&lt;210&gt; 4788

&lt;211&gt; 1353

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4788

agcataaatg	ttgaggggccc	ccggggccctc	tttcttaaat	tctgcgttgt	gggtttctcc	60
ctgtcttctg	caccgcagaa	ggcattgaga	aactcacaat	gccagataag	agagatcatc	120
atgacttatg	catccccggc	tcttcgtcgt	aaaccacagg	aagtatctga	acactttatt	180
aaactcgttc	atgctcgaat	tgctgaagtg	tctggctgga	agtatatatt	cgaaagaata	240
cctgctttca	aagacgcttg	tgcaaaaagcc	ccgagccagg	ttccttgccc	gtttactggc	300
gcagggaat	cgaagtgttc	gtttccgacaa	aaagaccttt	ataccggatg	tgcatccat	360
aatgactttc	cggttaaatga	gttttgcgac	ggaattgatg	ttctggcgaa	atattatgaa	420
ttaagtaaaa	cgcagacttg	caaaaagatt	ctctcagatt	ttttcgggat	ggatctgcat	480
gctccgttaa	ctgacgccga	cattgaaaat	gaacgacgct	ataaatcagc	agttcgtgcc	540
acagaaactc	ttgaccgaga	ggaagtggca	aagcgaatgc	gaaaacttga	tgtgatgtat	600
cactataccg	gtgaaatcaa	gcctaatact	cctggttgctt	tgtacctccg	taatcgtggg	660
atctcccgtc	tactgagtca	cttaccaaaag	gatttaggct	ttaataaccg	gatctactat	720
tgggataaag	ataagcagaa	atcgattatc	tatccgggaa	tgattgcaat	ctatcgtgac	780
acccgaggtc	ggcctctgac	tatccataga	acatacgtag	acaaaaacgg	tgataaggca	840
cctgtagaaa	atccaaagct	gatgatgaag	cctcctgccg	atatgacagg	tggctcaatt	900
cagttgtttg	accctcacta	tgattcaggt	agttcgacct	ggacactggg	agtggtcgaa	960
gggatcgaga	acgcgctttc	tgttgtagaa	gcgacttcaa	caccatgctg	ggcagccagg	1020



tccgcatggt	gccttgaaaa	cgttactggt	cctgattttt	tactgcctcc	gccggatgta	1080
aaatatataa	acttttatat	ctgggaggat	aaggatattg	ctaactcaca	aggcactcgt	1140
gccggtatcg	aagctgctca	gcgacttcaa	agccgcatgg	ttgagttttt	ggctaaacga	1200
tatcccgcgt	caaagctgac	aattgaagtc	ttcgaaccag	cacaagatat	tcctgatggg	1260
aaaaagggtg	tcgactggaa	cgatgttctc	cagttaacag	ggcaggatgg	attcccgtt	1320
cactgggctc	ctgaatgtct	taaccagctg	taa			1353

&lt;210&gt; 4789

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4789

tccctttttt	tattgagaga	ggatcacatg	aaaattatcg	aaaaaatcat	taatgccttt	60
ttggttggtc	aacataaaaa	aatacagggt	aaaaacatta	cattttttaga	caatgggcag	120
ggcatgttct	ctggtatgtc	ttttgatgct	gatgtttcac	tggagtttat	gtatgaatca	180
gcaaaagcat	atagttcttg	cttctgtgat	attccctttc	caggttttga	agatgcaaat	240
ctggaggaaa	ttacgaaatt	tcaattagat	gctttgaagc	aaagaaagaa	tcattctcgtt	300
ccattgttgt	cttcacaggg	acgtgccaga	tccatcaaga	cgccc		345

&lt;210&gt; 4790

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4790

gataaatgct	cagttcgcaa	atataaactg	aatttaagtt	ctgtcagtgg	ttgtttcaaa	60
gataatttag	atgattcgct	tatatattact	ggttcaacac	cattttcta	caaaatagct	120
tttaccagg	ccgtagctaa	cttcatacag	cctccagtcg	ttattgaggc	ctccctgatg	180
caggttgcc	atcagggaaa	atatgtaaat	caattagcaa	ccaatcagac	cgttgccatt	240
acattgtcaa	tgtatctgac	aagggatggg	cggtcgtcct	gtaaggcaaa	acggcgaagg	300
tcatacaagt	tatacgcagg	aagataa				327

&lt;210&gt; 4791

&lt;211&gt; 564

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4791

agaagtagcg	attccaggct	ccgggaatgt	aagataggtt	actatatgaa	tatcaataaa	60
gatgacgaac	tccttgtgat	agttaagtat	gaagggaagat	tttattgggt	cgttgcgttc	120
aaggaaatgt	gggtcttaga	cagagtaaaa	tgggtagagg	attttgtgaa	aagtgggggtg	180
gaaataaacc	tacagaatac	ccataaggaa	agatatgaca	taccagttgt	aaatgaagaa	240
aacgcgcaga	tattcattga	tggtttaatt	aacgatgggt	attcatacga	taaggatgac	300
attgctgagg	agttttataa	aaggctttcg	caaaaaacaa	tttgggtggga	tatatatgaa	360
cttatgccgg	atttatttat	agactttgat	aataaaagat	tatatccgga	atatgttgag	420
agtatgcatt	atcaagaata	tgttcctgat	ggttggaag	gtgaacttgt	tgatttttgc	480
agtaatggat	cgttacctca	agatgaaatg	ttctggataa	aaaatgaaac	tgatcataga	540
agcgttttga	tcgctaaagg	ataa				564

&lt;210&gt; 4792

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4792

gtggtatttg	atccattacc	agaggacgca	tttggggcaa	acgtcaatat	caaaatagat	60
aaggttttta	aattagatca	aaatgcacaa	cgctgcattg	ttgttcatt	ttttattacg	120
gataaaaaata	agatccagat	cgcattctgcg	acagagaaat	ttgatgtaag	cattaacgta	180
accggcaaga	tttattcgct	cttttatgag	gtttgtgaag	gggacgagat	ttattataat	240
tttactcttg	tgctgaaaa	agaagcaatc	actgctaagt	ttttattaga	cgacccttgg	300

ggagggaaaa aatacaatcc tctaaaagag ggtttttttt aa

342

<210> 4793

<211> 198

<212> DNA

<213> Enterobacter cloacae

<400> 4793

accgctacct	ctacagaacc	tttaccgctt	gaagactctg	ctgagaaggt	cacgcacaac	60
cgtctgacgc	agctgaacgt	cattcgctgg	cactactggt	atgacgggtga	acatcacctg	120
acggaggtca	tcagccagct	gcgggaccgt	aacaggccgc	ggacgcaggt	cagcttccgt	180
taccctcata	cattgtga					198

<210> 4794

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 4794

caatatacta	ttgatcaagg	gaacgagttt	cacgacaacc	aaaaatacgc	cgaggcttta	60
gagcaaaacc	aaaaagcctg	gcaagcgctt	cctgagccaa	agctcgaatg	ggaactcggc	120
aactggatcg	ctgcctgcat	gtacagcgca	tgttttgatc	ttgcggatta	tgctgaggaa	180
aacaaatggg	gaaaaacgac	attacggaca	cgtggatcgg	atatagacac	tgccaccctta	240
atcgatctcg	gcatggctcg	ttatgagtga				270

<210> 4795

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 4795

aggataaaat	atattttcgg	caaaccattt	ttagacattg	caatgggtcga	ttcaacacgc	60
caatttgtgt	ttgtgttaag	cgagacaaaag	ccgttaccaa	tcgttttgac	catcttcaac	120
gctcagggtg	aaaaactatt	ttgggtctaca	tctcctgaaa	gtgctatatt	ctattactta	180
acattaaacc	agtcaaagga	agtggttggt	gtatgtaatt	ttacagtaat	acaaaatggc	240
tggcataatt	ggttttattc	ttgggatatg	aagcgtaacg	cgttgtctag	atcaggacct	300
tcgtactaa						309

<210> 4796

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 4796

acgtgttact	ataattccgg	agtaaaagcg	atgacagatg	aagagttacg	aaagaatctt	60
gtttttttta	taaaaaata	tggtccggaa	agtcaacaaa	aagcatttta	tgatgatata	120
tcaaagtcta	ctgtgccagt	gaaaggtatt	ttagctgact	ttaataaaat	caaaaccaga	180
actgttgatg	aagttgatgg	agatttaata	cgggatattt	acttttattt	ttgttgga	237

<210> 4797

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 4797

cagatccagc	aggagcagct	aaaccaggag	aagaaagcga	aggaagcgaa	ggcgggaagag	60
acggatcgcc	cgagcagcat	cacgatctcc	accgcgaaca	gcggcgaggg	gaaggagaac	120
aaagagaacg	ccgaaaccgg	cagcggcaaa	gaaccggagc	acaccgagcg	gaacaaagac	180
acgaacaaaa	cgaccaaaag	gcagggaaa	gggaagggga	agaccaacag	cgccgggtac	240
aatcaaagaa	cggcaccggg	ggaaacagag	cgcgcgccgc	agagagccga	acggcacgga	300
aaaaaccaac	gcgaagccgc	aagccggaca	ggaggagaaa	cggaaaaacc	aaaggaagaa	360

gaaaggacag	gcgcacgacg	gcccagacca	gaacggccac	ggagcggacc	agcaaaaaca	420
ccaaaacccg	gcggcggagc	acaaagcacc	gagatcacac	agattaaaac	cgccggactg	480
gcaggaaacg	cgattccg					498

&lt;210&gt; 4798

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4798

tcaccaggca	gatgcgaaac	ctggtcgagc	gtattcagcg	cgacccgtgg	gtggtgcccg	60
aagattcaga	ctgccgaagt	gctgcacgcc	aaatggccag	aactggtcct	aaggctttgc	120
ccggtgaaac	tagccgacag	caacggcgta	ttcggaaaaa	acaaatgcga	tagcacgatc	180
cccaaagggt	ttcgtggata	a				201

&lt;210&gt; 4799

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (47)

&lt;400&gt; 4799

atttgcccac	ggacgtaccg	ccggaatttc	aacactcgga	aggtttntac	gtcatttcct	60
ttagccgaaa	aaaaagcccc	cactgttcag	gtgcgggctt	ttttctgttt	ttcctgtacg	120
cgtcagcccc	catcgttacc	tgtggtaatg	atgatgggtg	tagtaatggg	ggtgatgctg	180
atgcgtttca	tggatgttgt	gtactctgtc	attattatct	gtctgtgctc	tattctttta	240
gggttaaagg	atcgagcccc	ttaa				264

&lt;210&gt; 4800

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4800

aggggtgggac	cgcggtccca	ccccgcaggg	gggcacatgt	cagaaccgcg	cagcaatgcg	60
cagatgttcg	atatcgatat	gtctgcgctg	cgtgaattac	gtgaagctgt	gggagccaca	120
cagcagcaaa	tgtcatggc	atacaaccgc	gcgctgaaca	gaacggcgaa	gcatatgcac	180
cgcttttcg	tcgggatgat	gatcgatgcg	cttgacgtca	aaaagcgcaa	agtagcgaat	240
aagcgcatta	agccattcgt	gaaacgtcgt	aatttcggga	aagagagcac	cggcgagctg	300
agcagcgca	agctctggta	cgccctgaac	gattttcgcg	ttcacgattt	gcgcgggtcg	360
atgcggaaac	agcgaagca	gaagcaaaaa	cgtgaccggg	agacgggtca	gtttatgaaa	420
acggaaaaag	gcgcgcgcgg	tgcgacattc	attccaaaaga	gcgcagggct	gcactcgatg	480
agctggccag	attcgtttgt	cgctaaacgt	tacagcgtga	aaagcatctg	gattcggcgt	540
gaggggtggcg	gcgttgaaga	ggcgcgcgta	ccggttcatg	aagcgctgga	agacgctatc	600
gacgattaca	tttttgaaaa	tatcggctct	gtattcatgc	gctattttga	gcaggattta	660
cggggcccg	tggcggggaa	cgttcaatga				690

&lt;210&gt; 4801

&lt;211&gt; 591

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4801

gcaggattta	cggggcccg	tggcggggaa	cgttcaatga	cagctactgc	tgaagcggga	60
atggacgctt	ttgatgagta	tacgaaccgg	gttcgcgcag	cagttctgca	gatccctttc	120
gtcaaaaacgt	ttggtgtata	tccggaaatc	ccggaaggat	tccaaacgcc	agccgtcttt	180
tttgaaattg	aaaactggga	gccgagcagt	gaagtgatcg	ctggctcagc	gctgacagtt	240
tcgctcaact	gcagtctgta	tgtccttcgc	gaatttgctg	cagaccagta	cgggcagaag	300

gccaggaacg	cggcgctgta	tatatcgagc	tggatagacg	gtcggggatt	tggcccggcg	360
actctgccag	ccacgttcgg	cggttcagaa	ccggcagact	ggatcaaaaa	cggtaaagcg	420
ctcggatcgc	actccgtctg	gtgcgtatca	ttttcgcagg	tagtcggcgt	cggcgttggg	480
cctttcgtaa	ccccggctga	tgccccgctt	ctgaaagaag	tgtttgtcgg	ccttgcgcca	540
gatattggaa	aagagcacga	ggctgattat	gtccgggtct	tccaagatg	a	591

&lt;210&gt; 4802

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(12)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(13)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(16)

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(18)

&lt;400&gt; 4802

ggaaggcggg	ggnagnagnag	ccacccccgg	caacaggccg	catataaatt	aaccgttcta	60
ctgattcctt	ttcgtttttt	agcctgccgt	ctcgttgctg	atatagtctt	caacacgtct	120
ttcaaaagga	actgtctcgt	gaaacttcga	atgggtgtgc	ttctcctgac	tggcctgctg	180
ctcgcgggct	gtgactag					198

&lt;210&gt; 4803

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4803

aatacgctgc	atgggtcaact	cgctgatatg	aaagtaaaaa	tctcacgcat	gagctttggc	60
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&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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gccacgcctg	ac					372

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&lt;211&gt; 257

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4805

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gtagggcag	tgattga					257

&lt;210&gt; 4806

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

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&lt;221&gt; unsure

&lt;222&gt; (295)

&lt;400&gt; 4806

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attaaatata	agcgtatat	tggaggggat	cctcatcttg	atattccaaa	tgaagaagaa	240
aaagagattg	atgagtttgt	ccgtaaaagta	aacagcgaga	ctccgtcttt	gctanatatg	300
tacggtactc	tacctcacct	accatcagat	cctagggtaa	gccccattag	ttttactgaa	360
ctttctaagt	atggttaa					378

&lt;210&gt; 4807

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (149)

&lt;400&gt; 4807

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atggcggcct	cacgcagttt	gatacggtn	tcaccaggcg	gcggaaaagga	caagcgtaag	180
ggg						183

&lt;210&gt; 4808

&lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4808

aactcgttga	agcaggtcga	atattccaga	tacagcattt	ccgcttctcc	acacccgagc	60
tggcaggcga	agaaagagt	gctaagtcag	cagctggtga	ccagcatgtg	tttaagtgtc	120
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ctttgcctgc	tcaatacggg	tcttaacttg	agttttaa	tggccgcaat	ttttaggtat	240
ggccatctgg	ttttgaattc	attgatagct	acttcataca	atgtagaaat	acactgcggg	300
tattataatt	actattatta	g				321

&lt;210&gt; 4809

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4809

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ctcgctcagg	cccgtgaagt	cagtcagttc	tgcctcaaca	acccattctc	tattaaatat	120
gatttgcgcc	atgatgactc	catgacgccg	ccacgatacc	gcggcggcag	aaagtttggt	180
gattaa						186

&lt;210&gt; 4810

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4810

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aatggtaaag	aggttattat	gtctgttgaa	ttaaaaacat	ttggcggtgc	ttatttcccg	120
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ccatgctggg	ttcgactcaa	tggccagaga	ttaaaaagca	gctcaccaaa	tggctggata	720
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&lt;210&gt; 4811

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4811

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gcactgcagc	ttcggggctg	ggctgggtgc	cgggatattg	cgtgtcgggc	cggtatgagg	120
aatgaagaag	tgatcgagc	cctgctggat	ctggagaagc	gaaaaaagg	cgaccagtcc	180
aacggtttct	ggtggcttgc	agtcgacctt	gaggaaaagt	caggagagaa	tcgtaaatga	240

&lt;210&gt; 4812

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4812

cttagccact	ctttcttcgc	ctgccagctc	gggtgtggag	aagcggaaat	gctgtatctg	60
gaatattcga	cctgcttcaa	cgagttctat	gttgagcagc	tacagctgtt	taacgagcgg	120
ttgggggtta	cccttaacgt	ctctctcaga	gatggtgcaa	ccatatttag	ggtttaccoc	180
cacctcgacc	aaccctattt	agctcaaaaat	gttaaaaatc	cgcacttata	tggcacattg	240
tga						243

&lt;210&gt; 4813

&lt;211&gt; 663

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4813

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gtactggtct	tctcccgcc	ctttggaatg	caggtgctgt	ggcacgccat	cctggagcat	540
ggctatatgc	gtgtcgtgaa	aaacgccgtg	gaggaagggt	cggaatcggt	cggttatatg	600
ctgtgcctgg	ccgcacccct	tggttattac	gttacctttc	ccgctcacgc	acgacaaaaa	660
taa						663

## &lt;210&gt; 4814

## &lt;211&gt; 249

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4814

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gataaaaaatg	cacaatacgc	tggcgataaa	gccaaaaaca	aacttgatga	attatccggc	120
tctgcgcagc	agcagtttgg	tgaattcgtt	gactccccta	aacaccaggt	gaaagggtgca	180
gcgaaaaaact	atgctgtctt	cacctacgag	gctgacaggt	ccgcgctcag	gtgtgcgggg	240
cagggggga						249

## &lt;210&gt; 4815

## &lt;211&gt; 249

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4815

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tcaacgccgc	cggagctggt	tggaaaaatt	gaccagctcg	aacagaaaag	agagaaatct	120
ctttttttgt	tacagaaaga	actgggtagc	cgagtttcag	gatgcgggca	tcgtataatg	180
gctattacct	cagccttcca	agctgatgat	gcgggttcga	ttcccgtcgc	ccgctccaat	240
acgtgctga						249

## &lt;210&gt; 4816

## &lt;211&gt; 195

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4816

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gagactgcc	gtgataaact	ggaggaagg	gggatgacg	tcaagtcac	atggccctta	120
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aagcggacct	cataa					195

## &lt;210&gt; 4817

## &lt;211&gt; 363

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4817

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aagetgattc	agactccggg	ctgctccccg	ttcgtctgcc	gctactgggg	gaatctcggt	360
tga						363

&lt;210&gt; 4818

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4818

gcagcgcggt	accttccagc	cccgtgggct	gaagaccccc	tgaaccagcc	ttacaccaca	60
gatattatgg	gtacagcgac	cgcgccagat	cccagacgc	tgacgctgga	tgtttattat	120
tataaaacga	acgccgctgc	cgccaccgtg	ggcgagttaa	gctccaacgt	aacgtatacc	180
atttcctacc	tgtaa					195

&lt;210&gt; 4819

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (417)

&lt;400&gt; 4819

tgccgtactg	gaaaaagcgc	tcaaacttct	ggagtcataa	tggaagactt	agaaaccacg	60
atcatggaac	tgctgggtcaa	cgcaggcgcg	gcgcgcagcg	cggctcagac	ggcgaagcag	120
aaggcgcgaa	aaggcgacaa	agacgaagcc	gagaaagcga	aggaagagtc	gcgagaaaaa	180
gagaaacaag	ttcctgacaa	acgatccaga	cgcagcaaat	cgggtcaagac	gaaggggacag	240
gaaaacagcc	ggaaaaccag	atcaccgatc	attctcagga	ccaccagaag	aacgcgaagg	300
aaaaacagga	tcaggcgggc	gacaagaaa	agcaaaatcg	acgcattccc	caggaaaact	360
gaaaatgcag	atataaaaa	acccgccgag	gcgggttttt	acattttacgc	gcatanacg	420
aaaagatcct	aa					432

&lt;210&gt; 4820

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4820

gagagtgcg	tggaaaaaga	gcagctcgtt	gagatcgcca	atacggagat	gccgttcggt	60
aaatataagg	gtcgcaggct	gattgattta	ccggaagagt	atctgctgtg	gtttgcccg	120
aaggatgagt	tccccgccgg	gcgtctgggc	gagctgatgg	ctatcacgtt	actgatcaaa	180
acagaggggc	tgaccagct	ggttcagccc	ctgaaacgtc	cttaa		225

&lt;210&gt; 4821

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4821

cacatcccca	ttgcagccag	accgcttggt	ttactcaagc	tcacgccttc	tttgccgata	60
cctctatttt	atggcgaaaa	ggatctcaat	atgacaactc	ttaagcccgt	ttctctgtcg	120
gcgatggaaa	tcggcagcgt	agataacagc	tccggcgga	acgacattgc	ttctcaaadc	180
acccgtctga	ccaaacagat	aacgaaagtc	actcagcagc	tcaaagaagt	ggccatgggt	240
gatgccacag	cagaagaaaa	gcaaaagcag	caagaattac	tcgaatctca	gctggctatg	300
ttgcaggcac	agctggcgca	attgcagcgt	cagcaggccg	aagaggcgat	gccaaagcag	360
gaaaaagggt	aggcagtcgc	ggaaggcatc	aataagccct	ccgcagaaca	tcagattaat	420
atctacgtct	ga					432

&lt;210&gt; 4822

<211> 210  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (106)

<400> 4822  
 tggaaaatct ctcccagcca tggaaatttg cgcgcgagc tgatcagaaa taattattac 60  
 ccacaggcag cgcgtcagg gggggaatat ttggctcaca ccttntcca caccagcgat 120  
 ttttatctgc atccgcacga gaaaaaagcg caggtggcaa aattcatcaa ccgatttgct 180  
 tttcaccgac gcctttggcg cgcgcggtga 210

<210> 4823  
 <211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4823  
 tatatgattg ttccatctgg tatatcatta cttaccgcta tcgatgatat attaagcggc 60  
 atactcacat tactggcgt tttaaatacg gacgcactgt caagtgaaca cgtttcggcc 120  
 attgctgctg ttgagaaaat aagcagacaa aaaaatgtag caacgctaatt ccatacctgaa 180  
 attttcatct cgccctctta a 201

<210> 4824  
 <211> 315  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4824  
 cgtcccgtta tgtcgaaaat accaggcacc gatattcagc ccgccgttca gcgcgcgcta 60  
 gaggttggtta tattccccgc tgctattttc gctgcgataa ccattcacgt tataccccag 120  
 catcagcgcg gggatccccg catcccagag caccgggttt acgctgccgc gtgcgacatg 180  
 ctgcaacatg gcctggggga tactgacatc aaggcgctgt ctgcccccg taaatttcag 240  
 ccggctttct ggcaggacgg cctggagatc gcaccactgc ccggcattag tggcgcacag 300  
 cctgcttttt tttaa 315

<210> 4825  
 <211> 438  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4825  
 cagcgttacg attcctctct cggcaaggta tattcagacg gaagacagcg tgacggcggg 60  
 catggcgaaac ggcaagctag tttatacaat aagttattat taaagagtga tattttgata 120  
 gcggtagcat atgtgatgag atttttattc agtttctgct tggggctcct cgtattatta 180  
 aatacgacag tatgttttgc aacctgctct gcaacctatc tttataacc ggtcccaaag 240  
 gtgccccttt taaccaatag tatttcactg ggaaaggatg cacctgttgg aaccgtgctg 300  
 taccggcaga ccattacgcc gtcaggaaact tatgatatga agtgtgacag taacacggac 360  
 gttacgtttt tgtacattat tgccgatcct gtaggtcttc attacgaagt tgccaagatc 420  
 gccgcatata tccccca 438

<210> 4826  
 <211> 249  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4826  
 atggcattag gtcgaatgac acacagttca gctttgttaa gagcgagaat ggtccaagac 60  
 atctatgaca ttgggcatca gaaggactat gtgcttgata tgagatcaaa aaaatatcag 120

aagcatcaca	actccaatgg	cattcaaaga	aatgcctttg	ttttgtagt	acaccaaaca	180
acccaaaatt	catgcagtta	tatcaaagac	tcattcgcaa	aaggactcag	ccagaaagca	240
tttgcttaa						249

&lt;210&gt; 4827

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4827

acgttaaaaa	aaggggggtt	atgcgaacgg	aaggatcgga	ataaaaaagt	attattcatt	60
cgcgtttacg	tgaactcaaa	tctacacgga	gtaattatgg	aactttcttt	aaatattggc	120
cttagtgaaa	agaaatctaa	cacggctgca	ctttttaaaa	caaaaagcgc	aaaagtgatt	180
ttgtttgttc	tgctgaccgt	gcttttttgc	ggctctggcat	atgcgggttc	agatgatggg	240
gcactgggag	atatttggtc	atacatgagt	gaaagtatga	ctggagctcc	gggcaaaatt	300
ctggcagccg	cgatgttgat	ctcaagcgta	tatttctctg	tccttaagcc	taaccggggc	360
ctggcactgg	tttcattatt	catgatgctg	gtaatggcca	acggcgagaa	aattatcagc	420
acctttatgg	atgctggcgt	accgctgtaa				450

&lt;210&gt; 4828

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4828

ttcgtaaagc	aatgcgggaa	cttgaatcta	tcggatatct	cgattatcaa	gaagttaaga	60
aaggtcgcga	catacaattt	cagatcttca	aaagaagccc	taagctggcc	cttgccaaac	120
aaggttgaaa	gctatctggg	atgcactggg	tataacctgc	tgaaaaataa	gttattttatc	180
agtgcctatg	ttagtgcctc	ttttactact	ggctcttacat	ctcggtctaa	tgtgcaaaaa	240
agtaactttt	caaacgaact	cctgactatt	catctgtatg	cctttctgac	tcaagcgtac	300
atgctagccc	attcattaaa	tgccgttgag	caagatgggt	tcgtgcgcac	tctattcacg	360
tga						363

&lt;210&gt; 4829

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(202)

&lt;400&gt; 4829

tcatgcatga	gggggttcat	ccccctctct	ggatttttta	tgagtaagca	gaacgacgtt	60
cctcagcata	cctatagatt	ccctttcagg	atcaacatgc	ctctactgat	tttgttttgg	120
gatgccaaaa	aattagggct	tgcattcatt	ctgggtgcat	ttgggaatat	cttcgaatgc	180
ttcgggtttt	ctgttgtagc	ancggttgtg	tattggattg	cgtataacaa	agcagctgag	240
tcaggaataa	gaggattgct	aaaacacaaa	ctctgggtgg	tcgggttttt	gccaaagtaa	300
gcagttttta	gtagccgtta	tttcaacgat	ccatttatca	gagatttgta	ttcttga	357

&lt;210&gt; 4830

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4830

gtttaccttt	tagatgtatc	agccctattt	ggcaaatttg	aggttcatgt	atcatgtagt	60
aaacaggagg	aagatatgaa	caacagcaaa	catacagtca	ttgaagtgga	tactaatcta	120
gttgaaattg	aaaagggtat	taattccccg	gaggcggtaa	tcggagattt	gtgttacgaa	180
caagaacctg	tcaaactgat	gattgtgtca	atcaaacaag	cctttaagga	aggaaggcag	240
gttgatatga	tcaaggctcg	aaaaagaaaa	ggtaaatatt	tagttcgtca	aggtcatact	300

cgttttcatg	gcttaaaaatt	agcaattttct	gaaggtgcta	atattccaaa	attatctgtt	360
atcttaatcg	attataaaaa	cgaaattgaa	gaataccttg	agaacctcga	tggtaacaga	420
agcaatgggc	taaatccggt	tgggcaagct	catgcattag	ctcatgctgt	tagtctcggg	480
tattcggttg	aagaactagg	gaaggtgcga	ataagtgggg	aaattcttct	cggctga	537

&lt;210&gt; 4831

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4831

cttaactcgt	cggtgataag	atthttcattt	ggcaaactgt	ttataacata	ttcttgcaaa	60
tgctttttac	gcattttac	aaatgccata	agcattccag	taaatgcctt	ccttattcat	120
tcaaattgctt	ttcgcatgca	tccgaatgcc	ggatcctttc	ataaagttac	tataatcaat	180
gagttaaaga	tgccgtga					198

&lt;210&gt; 4832

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4832

catgtaagt	aaagccctgc	gaaatgtaag	agatttgccc	ttaagcgtat	gagaaattta	60
agagaaatcg	caggggctaa	aaaactcaag	atattaaaa	tcaaagagtt	attaatgagt	120
aattatctga	aaatccggtt	ttgtaccttt	tcgttgcttg	ttagttttaa	ggaacaagg	180
aaagtgtgtg	ctacggcgag	gatgccaca	gaataa			216

&lt;210&gt; 4833

&lt;211&gt; 942

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4833

ataagaggga	gttatatggt	ttacgaaaat	gaattgtggc	acagttttct	tctgcgttca	60
cagataatgt	ataacttata	caattgcagg	aacataatat	caaagcatgg	cgcactaagg	120
tacgatgcct	ttcctcggtt	cgaactgatt	gatatgtaca	aattgcatag	cttgcaggat	180
atatatgaca	ttcttgccac	tagaaatggt	tatatactaa	cttccaatat	agtgtcgtta	240
tcttctgggt	tttacgggta	ttttaacgct	attgaagatg	cctgtcggaa	aaattttcac	300
ataactaatt	catatccatt	ggtaaaccatc	tcaaaccattc	gttactgtca	caaattgtatt	360
ggtgaagata	tacactctaa	aggcattggt	tatctgcgtc	atagatgggt	gtttgaatct	420
aaatgtgcag	ttcatagtag	cagtttatat	gaggtttggt	ttgataacta	tttgaatgca	480
gtgaaaggac	ttagtgaact	aattataagt	ggaataaata	ctcatgggta	ttgttccctt	540
gtggttgacg	tttcaaacc	tttcaaaaat	ccagtgtata	tattaccatg	tgacacgta	600
aaaattttta	aatggatttc	ggacaataaa	aatatgctga	tttactttct	ctttgatctc	660
ttcaaattgta	agtcgcattc	aagtttatct	aaggttatcg	aagtcaagat	aatgcatgat	720
agatatat	ctgcggtggt	caagatgtta	agtgaagtta	atthtttgtaa	tttcaactca	780
tttattttctg	atatttttga	ggacgtaagc	tatgcctcta	tcggacttga	tgattattct	840
gttaattgtgc	atthttctcag	gctaagggct	gcagattgta	aatthttgcca	gttgaatgg	900
aaatattttt	gctcacttta	caatgtaaaa	cttcttcgct	aa		942

&lt;210&gt; 4834

&lt;211&gt; 1671

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4834

atgaatgctg	acaagaatga	catgaactgt	ttcagcctaa	gagaagggga	cggccgtttt	60
gaaatagcct	ctgaatttga	tgacctgccc	gattttatca	tgatcgacga	caggggtgcag	120
accacgctcg	cctcagaaca	tctgctgaat	gaggacggca	atthttgaa	cgtcaaaaacg	180
tttaaagcaa	cgacctcagg	aaaaccggag	cagacctgca	tccgctgcat	ccacccggat	240
gaggagcccc	tgagaaattt	actgggcatg	aaaattttctg	agctcaaggc	ggtgggaaaa	300

gaagttgaaa	aaaatgtggc	ggataaacgc	actgcatcgt	tatggcgtca	ggccatcagg	360
gaagccgcag	ccccctatac	ctgttcggaa	attatgctgg	atgtcgataa	agagttcggg	420
accgacacaa	aatcattatg	gggtaagatc	ctcgatttgc	tgcccacgta	tgcgattttc	480
aaagccgaca	gggaaagcag	cgacggggat	tccgaagcta	aaaaccctt	acagcaggcc	540
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gacagcgccc	tggatgtcgc	acagagaacg	ctggataaat	tacgtgaaat	ggcccccgaa	660
ctcgccagtg	aactgactcc	acgattttaag	gagaaaccca	agtggacctt	caatttcacc	720
ctggacgggg	aaaatggcat	ccccatcaat	aagcgcggca	gcgggataag	gaggcttatt	780
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atztatgcc	tagaggagcc	tgaaacgtca	cagcatccga	actatcagat	gatgctgatg	900
aaagcgttac	tggcactggc	aggccagccg	caccgtcaga	ttatcgtcac	cacccatgtc	960
ccggcgctgg	ccggattaat	ccctgtcgaa	ggcgtacgtt	atgttaccgg	aaatgaggcg	1020
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gggtgctgc	cagagaccgg	tatggaaag	gcgcaggga	ttgttctggt	agagggaaa	1140
tcggatgtta	ctttcctgag	gcattgcggc	agttcattaa	aacagtcagg	tcgctgcca	1200
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cactgggtta	cattgaatct	ggccaaagat	ctggggcttc	cctggtgcgt	atttctggac	1320
tccgatattg	ggggagaccc	tgcacaggtt	ctgtccatcc	agaagcgtaa	aaaagaagta	1380
gaggaggccg	gtaaggtatt	tttcgctacg	cgcaaacgtg	agatagaaaa	ctatctgtgc	1440
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aaaaaaataa	tcggccgggc	tgtgggaatg	aaacccgata	atgtactaga	taaattctgg	1560
cctcagatga	catcagaaa	aatcatctca	agatcaacct	atcatgacgg	aacgcaggag	1620
agaagcgagc	tggttgagat	cctgagcgac	attgtatcca	tgacgagata	a	1671

&lt;210&gt; 4835

&lt;211&gt; 549

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4835

cagattattg	atcgcccttc	tgaacatttg	tggatctccc	tcaaccaggc	agggcatccc	60
gttaaatttg	agcgtgatat	tgcgttcttc	ggcccaggct	tcgaaaaaact	cgaagacttt	120
catgacttcc	gctctgaggt	caaacatgac	cctgtcaggt	atcagctgat	tattatctgc	180
ctgtgccagg	aacagcatat	cgctgaccat	tttggtcac	cggttatact	cttcaagact	240
ggaatagagg	acatcctcaa	gttccctctg	tgctcgatcc	tgactcagtg	cgatatcagt	300
ctgcgtcacc	agattggtga	tgggcgttct	gatctcatgc	gcgatatcgg	cagagaaatt	360
ggcctggcgg	gtaaagacat	cctcaatctt	tccaatcata	tgattgaacg	agataaccag	420
ttgctccagc	tcaatgggaa	cgcggtgtccg	ttccagtcgc	gcatacaagat	tctcggagggt	480
gatgtcttaa	atggcatagt	tgacattacc	aaggggcagg	tgccccttga	cggacagcga	540
ttcgaatga						549

&lt;210&gt; 4836

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4836

acgcagaaga	aaactgtgcc	acaattcatt	ttcgtaaaacc	atataactcc	ctcttatttta	60
attagttcca	tttttctgag	aagtatcatt	gtcattggta	gtttatctct	gtatttcaaa	120
agccagccat	gccctcccag	taaagcatct	agacttgtaa	gtgacatcga	gtactgcccc	180
tga						183

&lt;210&gt; 4837

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4837

ttcccggcag	tgatgttaac	tcactatgga	gatcgcgaa	ggttgcgctc	tgtactggac	60
aaggtaaaca	catcaaccgc	agtacccggc	gcggaggctc	agactccggc	agcgattttct	120
tcaccaccaa	attctctcct	tcacctcaac	aacctttttc	taccgacgtg	cataacgggtg	180



cgcgtagccg	ttgtatatcg	tcatccggta	atgcaagcaa	tggcttacia	ggaagccaac	240
cctctgatgt	tcgtgcgcat	aatcgtagcg	atgctggcgc	gtgtgatgaa	taccaacaac	300
tcaagtgct	atccatggga	agacagaaa	cagtga			336

&lt;210&gt; 4838

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4838

gttaacatca	ctgccgggaa	ctaccgctgt	cttctcttaa	gtacatcagg	aattatcata	60
aatgcaacat	ttattttacc	tgaatgcaac	ttttcggact	gcccctacat	ggaaaatcag	120
tcttatatag	aaatattaca	gaaatataac	aataagatag	tctggaaaaa	aaataatgtc	180
cccgcgaact	gtcgcgggga	cgattatcag	gcttctatga	gaccctga		228

&lt;210&gt; 4839

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4839

gtagttatat	tgcgacaatt	ttgtcccgt	gctacagcat	ttttcgcaat	aaggcaaagc	60
attatgcaaa	ggaaactatc	tattaaacct	cagctattaa	taaaaagaat	tgaactattc	120
gcagggaaca	tagataagaa	taaatttagc	atttctccat	tcaaagggtc	tgacctaaaa	180
atttttgagc	catccataat	aaacacagggt	tctggctcag	ctctcaatat	caatataaaa	240
tgggattacc	catacgaact	taaaatgagg	cagcttaatg	aatgttataa	atccatcaac	300
aaagaagcta	aacttgaaca	tgaataaaat	gataaattag	gtgtaagatg	cttagagata	360
aacactggcg	aaatagtatt	atataccttg	actaatacag	atctgattga	ttttatggca	420
ccgattaatg	ttgaaaaaaa	agaatacaaa	accagagccc	ccttctctat	tttcaatatt	480
atgattaatg	atgctatgac	attattacac	attgaaaata	aattaacaaa	agccgttgaa	540
ggtccatcat	tgaacatatc	ctatactgat	gtagaaggta	aaaaatactc	cttgcaatat	600
aaaagttatt	tttatagttaa	agaaattacc	gcattattat	atacaaaactc	catatctgga	660
atattgttct	tcgaagggac	aaaaatgcc	ctcgctaaca	gagtcaatca	tttatataaa	720
aaacaaaaag	gtattttcat	taacttcgta	agaaataaac	tccaaaacat	taaattgcgc	780
agttaa						786

&lt;210&gt; 4840

&lt;211&gt; 666

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4840

aggatgacta	ctttgaaaat	caaatactta	tatggcaaag	ccctccacct	caaccaagtg	60
atcgatggca	agactgggat	tcgcctaagt	gatctttctc	actattcaag	attagaaaat	120
gaaaaaatga	gggatgatga	gatgtctaaa	gtctttatag	ccaaaagaga	agaaataata	180
atggagggtta	atggcattag	gataaacact	tctgatttaa	ccaacgatcc	aataattaga	240
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tattcaaact	ttcaagcgga	tacttgatgt	gcttttgatg	ttgataaatt	agaagaacgg	360
ctttctattg	catctcaaaa	atttcagggt	tcgtttgtgg	ttggggatga	tatcatttac	420
tacaatcaaa	caagcttgca	cggtttggtg	caaacgcccag	aaaaacttgt	cttctataag	480
cccgatttct	tttcacatga	acatgaatat	agaattgcat	ggttctaccc	tcttgataaa	540
gatggtttcc	gtgcgggtga	taaaaatatt	cctttttacat	ttaaaaatga	atcgtcacat	600
ctttttttct	ttcataaaga	gcgatcattt	attaccgatt	gcataataaa	tgtattcagg	660
aaatag						666

&lt;210&gt; 4841

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(278)

&lt;400&gt; 4841

cgagtggaaa	gaccgatgat	ccgctgcacg	tttcatctca	acaatagcca	gctttcaacg	60
ctgagctgcc	ccggtgttgg	gttctttccc	gcctactcag	gaaacgccgg	tgagaaccgc	120
aacaatccgg	acaagatagc	ggtagcagga	ataggaccac	tgccaccggg	caagtattat	180
attgtgatgc	gtcccgggaag	tagtgctgct	catttcacca	aaagctttac	atcatcaatt	240
ttatccggct	caaatcattt	caagtcgttc	ggatcgtntt	tcaccacgag	gcctagaacg	300
accataagtc	ccccatcc					318

&lt;210&gt; 4842

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4842

gagagcactt	cattgattca	gaactactat	ccagatattg	cagatgaaat	caggaggata	60
gcagataata	ttccccggcg	ttctcgggca	gcattacgtg	aaaagttaaa	ggatgcaaatt	120
gcaaaaaaca	aagtttttaca	ggatgagatc	caacaacttc	agcttcgaat	atcaaaaacag	180
gcaaccatca	atgaaatgct	gaattacaat	ctaaaaaata	aacctttctcg	aaataaataa	240

&lt;210&gt; 4843

&lt;211&gt; 1188

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(140)

&lt;400&gt; 4843

agccaattgg	cgcatttttt	ggccaagacg	ggttgcccaa	gggaaatttt	cttccctcat	60
ctctgtcatc	agggaccaat	tattccgaac	aaaaatttgg	acaagtatga	aaaatgcact	120
cattcttata	aaaagttcgn	tataccgaac	ttggtggccg	acgaaaatga	acatgacatg	180
tcgtccggct	tggatagagt	gaagacttct	agtgaggatg	agatgtcaac	agaacatgtc	240
gaccataaaa	ctatagcgcg	at ttgccgaa	gataaggtaa	atcttccaaa	agtaaaggct	300
gatgaattca	gggaacaggc	caagcgatta	cagaacaaac	tggaagggta	tctttctgat	360
catccagact	tttcattaaa	gcgaatgatt	ccatcaggta	gtctggctaa	aggaactgct	420
cttcgttcgt	taaaogatat	cgatgtggct	gtgtatatca	gtggatctga	tgaccacag	480
gatttacgtg	agttacttga	ctatcttgct	gatagattgc	gtaaaagcatt	tcccaacttt	540
agtcctgac	aggtttaagcc	ccagacatac	tcagtaacgg	tttccttccg	gggctctggc	600
ttagatgtcg	atattgtccc	tgtattgtat	tcggggttac	ctgactggcg	aggtcatttg	660
ataagccagg	aagatggctc	actccttgaa	accagcattc	ctctgcacct	tgatttcac	720
aaggcccgtg	agcgtgctgc	cccgaagcat	tttgctcagg	ttgttcggtt	agctaaatat	780
tgggctcggt	tgatgaagca	agagcgaccg	aattttcgct	ttaaattcttt	catgattgaa	840
ttgattcttg	caaaattact	tgataatggc	gtggattttt	cgaattatcc	ggaagcttta	900
cagacatttt	ttacctatct	ggtgagcact	gaattacgtg	aacgtattgt	cttcgaggat	960
aattatcctg	cgtcaaaaat	aggcaagttg	tcagacttag	tgcaaattat	cgatcccgtt	1020
aatcctgtta	ataatgttgc	tcgtttatat	acgcagtcta	atgtggacgc	cattattgac	1080
gctgcaatgg	atgccgggtga	cgctatcgat	gctgcattct	atgcaccaac	caagcaatta	1140
accataacct	attggcagaa	agttttcgggt	tcttcattcc	aggggtga		1188

&lt;210&gt; 4844

&lt;211&gt; 567

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4844

cctattggca	gaaagttttc	ggttcttcat	tccaggggtg	aaatcattat	gtcttcttat	60
agttatacgg	tagcagagac	acaaaacttc	agcgtaaccc	acgctcgtca	catggccgct	120

aaagttgcaa	ctgacttgcg	gcggatgcag	cgtttttatg	gttaccaccag	tgatgccgac	180
attgaagcat	acgaagaaga	attggttgtg	attcttaagg	ctggatattt	gggtgaggtc	240
tcttatgggt	ttcagaaaaa	taataactgg	atcgagccga	cccttcgata	taccgcaggc	300
gacttgcttg	gttcaggaac	agatgacgat	cccggaaaaa	tccgccaaag	aaaagatgta	360
tcgggtgcat	ccttctacag	ttttatgact	tatagctcga	aatatctgaa	tgctactcaa	420
tcggaaaaag	atactgcttt	gaaagatcta	ccattcaaac	gggtagggtc	ccagtctcca	480
gggattaatg	gctacctcga	aaatgataag	acttactcgg	cgggtgggtc	ctccctcact	540
cgcactagcg	taaggaattt	tgtatga				567

&lt;210&gt; 4845

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4845

atcaatgaag	tgctctctta	ttcctcgcca	agtggtagtt	ctaacggata	tagcagcggc	60
ggtggaggca	gctccagtag	caccagacca	cggttggtcac	gggcgggata	atctgtgatt	120
tatacccctg	cggaagtgcg	cactcacacg	ccagcccgtg	aaaacggtga	gaggcggggc	180
tctgtccctg	atttacgaga	tggttttctg	tgccatgcct	gggacgatcg	caaggacgca	240
gccaaagagc	ttcatgacca	gcttgagatg	aacggggctc	cagtctgggt	tagcgaaaaa	300
gatgttttac	ttggtgcaac	attgctgcgc	gaaatcgatg	aaggattggc	aaaatcacgc	360
gtagggattg	ttctggtgac	ccctgcgcta	ctaaaacggc	tcgcaggaga	agggattgcg	420
gataaagagc	tatcgccctt	tctggcacga	gaccttcttg	tccctatcgt	tcataacaca	480
acatatgaag	atcttcgcga	agtcagtcgg	ttacttggtt	cgcgcagcgg	tttgagcaca	540
gctgaagatt	caatggccaa	tattgcccagc	aaactagcgg	agctggtaac	aatctag	597

&lt;210&gt; 4846

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4846

aaatttatta	agatttttga	tatcgagatt	ttgacgcaaa	gtaacttttc	cggttttctt	60
gaaaagcatt	tccgacagag	ttgtgttttg	cttcatttgt	ttctcagcaa	cagcaatagg	120
gatttggcct	acaaccttcc	tgccatcttg	aagcctggca	actatgtgaa	acataggggac	180
ctgacccaag	agatcctttg	gaatactctc	ttctaa			216

&lt;210&gt; 4847

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4847

gaaatagcag	ctgctgtatc	ggggtttgaa	aggccatcaa	gcgaaatgta	tagcaccctg	60
ccagtgtcga	acatcccttc	gcttggttaca	atttctcttg	atgatactga	gttcgggtta	120
ggagataaaa	gctcatttaa	aggtttttca	atgagcatat	cgaaaacagg	cataatacct	180
gcggtcattt	tagccatatg	ctctgggtcg	gacattgagt	aa		222

&lt;210&gt; 4848

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4848

atttctaagg	aagttgcatt	gatggatgaa	aaaattgtcc	tgacgcgcca	gcaaattttta	60
agctctgcac	taaaagtcag	caaagtgcgc	tcgctcgtaa	aaaggcgctt	tcaatctttg	120
ggtttaaagt	acgcagattc	tcaagaaatt	ccagatcggc	taactatgat	agacaaaaac	180
gcgtttcacc	attttgggaa	aaatttgtcc	gacccaacga	tttcgattcc	ctattcctcc	240
atgggcaaat	acccttgtcc	g				261

&lt;210&gt; 4849

<211> 651  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4849  
 aaaggtaaac gttatctctg ctctgccgtt gaacagccat cacttttcaa taatgagcaa 60  
 tttatgatca cttttttccg ccggggcagg ctggggcacga agctatcgct gctaacagg 120  
 gccagtgtcg ccacgctttt tttgctgttc acttttctgt tgagccacaa cgccagccag 180  
 cagcttgaag atcttgcggt tgaagacctg cataaccagt ctaccggcat ggtggatatg 240  
 gtagagatgt tcaacaccag cctgagcgaa gaggtcgaga gctatacccg cctgttcacc 300  
 acctttttgc cacagccatt gaacagcgac agcagccaga gccggaccat taacggcctt 360  
 accgttcctc tgctgaaggg cggtgaaaac gagttgcatg aaaacaatac gctttctgat 420  
 gacttcctga gccgaacggg ggccatctcg acgctgtttg tccgcagcgg taacgatttt 480  
 atccgcgtgg ccacgtcgct gcgcaaaag aatggcgacc gcgccatcgg aaccgttctt 540  
 gataccacca gcccggcatt tgcggctgtc accaaagggg aggtctatcg cggcctcgcg 600  
 ccgctcttcg gcaatcgta tcagcagccg caggaaagag tatgccc aaa g 651

<210> 4850  
 <211> 243  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4850  
 accgaggccc aatcgccaga ccatgcgtca ggcgatgtca tttttatttt agtaatttca 60  
 cgctattttca aatatcatct tttcaaatca attcttatcg gaatagctca tgacggaagc 120  
 gcaacggcat caaatttttac tggaaactct ggcgcaaaca gggtttatca ccgtcgagaa 180  
 agtgatcgaa cgttttaggga tctccccgcg taccgcgcga cgggatatca acaagctgga 240  
 tga 243

<210> 4851  
 <211> 588  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4851  
 ggaagtaaac ggagtatgcc aatgaagact cagcgcgtaa tcaaagtagc gacgtttctg 60  
 gcgttttggt taccgggttt gacgcttgcc gaagattgtc agatcacgct ttctcagccc 120  
 atagtagatt ataaacagct caagcgtgac gatattgtta cgtctcagca aagctggcat 180  
 aaattgccgg aacgggaagt taccgtgaat gtgttttgct cagacaaaca gaagctggca 240  
 gtgcttttac agggtaatgc tggagagaaa ggtcgcttcc gttttggtca gaatggcgg 300  
 gtcgcagtta aaattgatga tatgaatgtt gatggcaaaa gctataccgt gggtaaaacg 360  
 gttgatcagc ttaactttac gccggaaaagc gggtcgccct cgccattcta ttaagaaat 420  
 aatgaagccg tcgtcgcggt tgaaaataac caggccgtta cgggcccagca gatgacattt 480  
 acagctacga tattccctgt gcttaatgaa agtgcatcca gtaataatgc cgatcaaaca 540  
 acgctgga aa gcgatttttag ctggaaaata ttgcaaaata atccatag 588

<210> 4852  
 <211> 222  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (81)

<400> 4852  
 attattaaat cgggtattac gcaaggctac ccgcttaaat tattcattgc gtttattatt 60  
 gtaaccattc ttctcgagat naaaaaaaac gaaaaatgca gtctcatatt cttatttttc 120  
 gatcaattta aaaaatatat aattttctcc aaaaaaaac ggccaggcat aaacctgacc 180  
 gttaagatta aaattgagtt agcgttattt tacaacgcgt aa 222

<210> 4853  
 <211> 285  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4853  
 cgcctgaccg gcggtattga gggcatcgag aactttaacg gcatgcgta ggaactgttc 60  
 gccacagagc gtaagctgag cccccagacg gccgcgacg aacaggcggg ttccggtaag 120  
 ctgttccagt tcgttcagcg ttttgagag tgcaggctga ctgagggtta gggtttcagc 180  
 cgctcgcccc agcgttccct gttgagcgac ggccacaaaa gtatgcaaat ggcgcaagcg 240  
 tatgcgctga ctgaacagac catttttttc cataggcgat gttaa 285

<210> 4854  
 <211> 204  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4854  
 agacagaatg cctcgctggt ggaagaagct tctgcggcag cggcttcgct ggaggagcag 60  
 ggcgacgctc tgacggaagc cgttggcgcg tttcgtctca acggggcgcg tgcaggacgg 120  
 gctccagccg ctgcaaacgc agcgaaaacc tcgcctttaa ccccgggcggc ggtcgtctca 180  
 ggtgataact gggaaacggt ctga 204

<210> 4855  
 <211> 267  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4855  
 tgggcgcatc tcgacgccgt ctatgatctc atcgggggtg aaattaaaaa attttttatt 60  
 cttccccctt tgatggatgc cgttgtgacc ccatcttgta agcaaccgca gtgtgtggac 120  
 ctgaaaaaaa tcaaattctgg gcagttgaaa aagcacgttc tgcccttatt acaggtacac 180  
 aaccacatgt tgactgaatt tttagtggag acgttttagat gggtaaaatt attggtatcg 240  
 acctgggtac taccaactct tgtgtag 267

<210> 4856  
 <211> 204  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4856  
 tcagcatcaa aagaagaaga aaaacaatca aagaaaaaag aaggctcatc agacgaaaaa 60  
 gagaagaaag ccgaaagaga aaaagaaaaa gaaaaagaca cgcagaaaga aaaatcagag 120  
 ggagaggaag cagcagatcc agacaatcca gaaaaagaag aaagagaaga agaaacggca 180  
 aaggacacgg aatcccaagt ttag 204

<210> 4857  
 <211> 282  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (253)

<400> 4857  
 gtcaaccaac atcatgaact ccaaaaaagc gatccacaaa ccaaagataa aaaagagaga 60  
 gaagaagcag tccctaacct ctacaaagaa accataaagg caaagcagcc gggaaaagaa 120  
 gaaaaagcaa acagagaaga tcctaaaatc caacagacaa tcagagaagg atctctcgaa 180  
 ggaaagagga aagaaaggga caaagacgat cagcgaaaaa tccagatcgg cgataactgt 240  
 gtgtttttcac acnaggccgt ctggcaagga tacctgtgct ga 282

<210> 4858  
 <211> 627  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4858  
 ctgagtgttg tatctaactg tgggggcagg tcaggcgggtc taaaagggtt tgggatcatg 60  
 agcctcagct ctttgtacag ttcttctgac gccgaataca tccagggtcaa tcaataccta 120  
 gtgttcgtcc ccaatccaaa aaaattgcct tacaatgatg aaagtttggt acgtgagggg 180  
 gctaagtatg tttttgagca tacaaaagca actcaggcct catttggtata caaccctgaa 240  
 aaacagaaag cagctctggc cacatgtaaa attgatattg cagtcgtcaa taaatggagt 300  
 acctgtgatc tgccctctaa gcctgatgct gatgttttcc ctacagattc aatgtacagc 360  
 tttcaggcga ttgcgccgcg aacaggaacc gaaattcctg agctaaacct tcccgtggt 420  
 gattacgctg taattcggtt tgtgttcac ccaattaaag gaaacgaaac aagcgtgat 480  
 ttttcgggta tcatttttccg ttctgatagc ccaatacaaa caactccagg ggtgtgtgca 540  
 gcctccatca acggaaaaga ttattacctc tttaccgggtg aatacggtaa aaaaggcttc 600  
 ccagaaaaaa cattgaaagc caagtaa 627

<210> 4859  
 <211> 450  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4859  
 tttcagctgg ctaataactgt ggaccctgac ggggatattc ctccgtcgga ggggatattc 60  
 cgttatattaa ctgaggatag acccatgcac gcagacgttt gcacacttaa gacacctctg 120  
 gacacgtcca gctggctttg cctgcttgag agtgaacttc tgagcatcag ggcatttcag 180  
 cgtctcgacc ttcatacggg gcgggatgaa ccgaatgaac tgacgtatct ggaagatgcc 240  
 atcattaacg ccggcacagc ctatggctgg tttgtctggt ttctcaggga cggatgatatt 300  
 ccaccgttgc cagcgactgc ccgagaaatt ctctgcaccc ttgacagtct cggtaaagaa 360  
 attaacgctc ctttctggga gaaggctgtg gccgcgggc aggatgaggc ctgtggcgac 420  
 aaagctatcg cagccctaga aatgatgtaa 450

<210> 4860  
 <211> 681  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4860  
 atcccccttt ttttctttgc ggaggattta tcaatgaaag acctgtcttc ttccccggct 60  
 tccatgtcgg ttgtttatac cattgagcac gtcagcacgg ttccggttac tcaactggcat 120  
 gctttcgttc tggccgtaac agaaacgttc tggcaactgc cgggtcgtct gcgtccggga 180  
 aatatgtatc tgccgtcgct taatcgcgcg gctgacctgt ttccggttgc tgatgtcatg 240  
 gcgttctgtg gcgattcagg cggcagtttc tggccggtca acatgaccat tgagcgcgag 300  
 cgcagcaaca atacgtgag tattcaggag ctggattttc agcatcagcc ctgcgatttc 360  
 tttgcgcgtg ttgtgatggc cctgctgcac aacctgtgtc cgggcagctt ccggatacat 420  
 tcttctgacg aagggcgcag ctgggcaata ccgttacgct ggattgagcg tcatattggc 480  
 ctgacctgagc agtcgtcact gaccacgcct cagccgttac tgcaaacgcc ggtgagttag 540  
 ggggcgtttg attccctgct gctgcaactg ctctccggtg gtgagcgggt gctgagcagt 600  
 gaggactgga atgccttctg gctggcggaa tttcatctgt acgaactgaa gcgcgtcact 660  
 gaaagaactg acgcgcgcta a 681

<210> 4861  
 <211> 1008  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4861  
 ctgtcaccgt cccgtgagga caccgctcct caccgggctg tgtcctcttt tttttatgaa 60  
 agaggagtat tcaactatgtc cgaatggtgt cataaccgcc tggaaattac cgtaagccc 120

gtctgtatcg	atgtcatgct	gcagtggata	aacgggactg	acgccccgcg	tcaccgccac	180
gccgtgcagc	agagcataca	gctttttctg	gccggtgcgg	cggggatact	taagccggtg	240
cgcaccacgt	cgtatccgcc	ctttcagggg	ctgggtccgtg	caggcacagg	gctttccact	300
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gcggaacaca	tccgggtcat	tgaccggctg	tatcaccagt	caggcctggg	ggcgtgaaa	420
tgggaaaaca	tccccgtctc	atcccgtgac	gttatggcag	aactgattat	ccggcaatac	480
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cccgtaaagc	ggctcagcgg	ttacgactgc	tatgacggcg	gtgaacatgt	cgacgggcac	900
aaaggcgcgt	ccggcgcacc	tcagcccggg	cagggtgctt	atctggtcag	cgatgagccc	960
gattcaccgg	ctcaggacgc	tacatcatat	cgtgaggtcc	gggggtaa		1008

&lt;210&gt; 4862

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4862

tggttgcaaa	agcaacatat	aagcctgctc	attttcagag	caaattggagc	ttatgtcaac	60
tgtggtatca	aatgggtcac	ccatagtatg	ctcagggcag	taaacaacat	gatgctggac	120
atgccagccg	caattgctcg	taaatattat	caggatcgcc	ttatgaggca	gataaaaagg	180
aaaaaggaaa	aagacaggga	aaggctggca	cacaaagaaa	aaatataa		228

&lt;210&gt; 4863

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4863

tttaaaatac	tttcgagacg	aaactaccta	caaagcatga	tcccccgcg	cacacttaag	60
gcgcatttcc	tgccctgggg	tagtgcaatt	gacgacaccc	catccccggc	tcgttatccc	120
ttatcccgtg	cggcgcgcaa	tggcatgatt	aaatattgtg	caaatttgat	ttcacctggc	180
gtttatcccc	atttttggtta	a				201

&lt;210&gt; 4864

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4864

catgccttcg	ttcacgtgca	gcagctcaaa	cgttcccgcg	ggatgtcccg	gagaggtgaa	60
cgtttctccc	ggatgcatct	cccactgcca	cagctcaatc	atatccgggc	ctgcggtgcc	120
tgccagcaat	ctggcgtaac	cgcctgtgct	gccctgccac	agaaccggga	tcgcctcttc	180
ccgaataatg	tgtatctgcg	gctcgctgga	gacgttaacg	atatctgcca	ccgagacgcc	240
aagcgcgggc	gccagtttac	acagaatggc	aatgctgggg	ttggcagccc	cttttctgat	300
ctctaccagc	atgccttttg	tgacgctggc	gcggcgagaa	agctcgcca	gcgacagttt	360
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acagtcaata	caggattatt	tatgtctctt	gtaacaccgt	caatagattc	gcgacttgct	540
gggatcgcg	ccggctttcg	ggcgctgagc	attctggttg	aagctgcccc	gattacccaa	600
ccggaggttg	cgcgcgctgc	gctggcgagc	gcctgccagc	agatgctcaa	tgatgatgtg	660
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ctgcgcggcg	tcgacccggg	ggtggatatc	tataatgcca	tcagtatccg	ctacgctatt	840
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gggatacgca	cgcgctctgga	cagccaggcg	cagtccatgt	ggttttattct	cgaaagcctg	1080
ccgtcgatgc	cgctggcggc	attacaggaa	gctggcgatg	agctggtgag	caatctgcaa	1140
aagctgatgc	cgggcgcgac	ggcgcggtatt	cagttgctgg	agctggcgtg	a	1191

&lt;210&gt; 4865

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4865

caaccagcat	cccgcctgcc	cgccatccct	gaaatccgcc	atttcgtgcg	tcatctctcc	60
gtttcaaacg	tctcctggca	aattgccgtt	cccaacaaca	gaacagcact	atctgctgtt	120
ttcttcacct	ctcatcgcat	tcttttacag	gtaaatcgct	tgtttttaca	ccattatcat	180
cctgttaacg	gaagcgccag	aaccttaacg	catggataa			219

&lt;210&gt; 4866

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4866

ggtgcactca	tttttatagg	ccaaatcatg	ccgcatacgt	cgagctgggtg	gggattaatg	60
ttggagctgt	atcgctctca	taaaacctcg	tttgatattt	ttttggtgat	cgctctgggc	120
gtaatcgttc	gggtgttcta	ttggggcgga	aaacttcgcg	aatggtgctg	tgatatcttg	180
atcgggactg	tgatcatgac	ttttgcggca	gtcacctcc	caaagttaat	gatcgctatc	240
ccgcaaattg	gctcagtcaa	attcagccac	aatgaaattg	cgtttgtaat	cggtatgttg	300
ggttacaaag	ggattaaggc	tgtcattttt	ttggtattaa	aaaaccgggt	tggcatcgat	360
ttaccgcgtc	gaattgcaca	gcgcaaagac	aacgtataa			399

&lt;210&gt; 4867

&lt;211&gt; 516

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4867

cccgtcacg	cgggtttttt	tatggagcaa	accatgactg	atagatgtaa	atgggtcgct	60
acagctcgta	agtacatcgg	agaagctgaa	gtgcatggtc	cgaaacataa	ccccctcatt	120
ctgcaaattg	ggcgcgatat	caagcgcggc	gggattaaag	atgatgaaac	gccatggtgt	180
gcagcgttcg	tgggtctgt	cctggaacaa	aacggtattc	agtcaaccgg	ttttgaatcc	240
gcgcgctcat	atctcgactg	gggaatcgag	ctgcaagagc	ctacatacgg	ctgtgtggct	300
gtattaacgc	gtgatgggtg	tggccatgtc	ggatttgcg	tcggacagaa	caaagcaggg	360
gacctgatga	tcctcgggtg	caatcagtca	gatgcagtca	atatcaaggc	gttttcacgt	420
cagcgcgatga	cgagctatcg	ctggccgcgc	ggccagtcct	ccgttcctca	gtcattaccc	480
gtcatgagtg	cggaacattc	aacatcagaa	gcataa			516

&lt;210&gt; 4868

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4868

tccggaagag	gccgcgttgc	tcatcgctgc	aaatcacgtc	tacgcgctat	gagctgctac	60
gacgacgatt	tgaacgcggg	tgacgagcag	atgctcgaag	cgtttggtcg	tccagttcgc	120
ctgccgaacc	gcgctgaccc	gatcatcgcg	atattcaacg	aaccctacgc	gcgaactgat	180
ttaccagct	cggggggcgg	gtttatcacc	ggcacagtaa	cgagtatcac	ggttaaatcg	240
gggagcgttg	atggtatcgc	caggcgtgat	gtcatccaag	gtacaaaaaa	agcgcgaaac	300
tgggatgaaa	aaaggaaacc	ctggttcttg	gggcagctgg	aactgaatta	ctttcttgaa	360
agtagccct	gcccggacgg	gtc				383

&lt;210&gt; 4869

&lt;211&gt; 972



&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4869

actgcaggaa	ataatttctt	gttccattta	gggtacacac	aaatgcaagt	taaaagctta	60
gggttttcaa	taacaaatga	taatgaaaac	atcaaaacaa	tagatgtaat	gaatgaattt	120
attaaatcat	cctcacgtca	atataatcgc	gcagattata	cgcgcagggt	ccttatgtcc	180
gatgtgaatg	atTTTTtatta	tggtttggtg	gtcacattca	aaaacccaaa	gaagaactgc	240
atgtcacagt	tcattgacgg	caaatttaag	cttaaagtgg	aagaacttca	gggtgacgaa	300
aaattagtca	cattcaattt	atTTTTtgctg	aacaaaacta	atcttegcgg	tttgtatatg	360
tctcatcatg	gttcttgcag	cctcaacaca	cttttcagcc	actttcaaac	cgtaagtaat	420
gaatttatca	gaaagcaaaa	cgcagcagat	attgaaaagc	tgggagacaa	tccaaagcaa	480
aaagaagtca	ccgcagttta	caaaaaatat	aagaagcggt	tttcatttag	cataatgaca	540
accaaggagg	atataaaatc	cattcttggg	cagttcaaa	aaataaaaaa	agcatcattt	600
aaattcgatt	acatagactt	taagggggga	gcattgactc	cactcgaagc	atttgccaat	660
tcaacaacaa	tagacatgag	cattaatcca	gacgacaaat	ataaagttgg	ggcactgtca	720
caaactatgt	cggatacttt	tgaagccatg	aaaggtggaa	tatctaaagc	tagagttact	780
gcggtagatc	acggtggaat	agagaagatt	atagatttca	tggattgccc	tgctttcttc	840
gaatcttatg	atTTTTgatgt	aatagctgaa	aaaattaatg	gcctgactaa	cgataattat	900
acttccaacc	ctgtatttga	tatgatcaag	gatgagatat	tgaacgggac	caacaaaaat	960
gcctttgtat	ga					972

&lt;210&gt; 4870

&lt;211&gt; 297

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4870

atgaatgctg	atattttatat	ttacctcttg	aggagatcta	aaatggcaga	tgccgcattt	60
accctaccca	aaggcgtata	ccaaaagcac	aaagagttct	ttgagaaact	caaaatggat	120
atcgaggttc	ataccagtga	taagaacgtg	gatattggtat	ccatgagttg	ccataaggat	180
ggagataatc	aggatttctg	ggatctgggt	gaagcaacac	gactcactat	ttgcaagcaa	240
gaaaacctaa	ctgccgatac	gggaggggct	ggtgttgtct	ggatattcca	taagtga	297

&lt;210&gt; 4871

&lt;211&gt; 237

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4871

gagatcaagc	tttgccgcct	ctactgcagc	ctgcgctaca	ttgacttggg	caatacgggc	60
atTTTTtatca	gaagctgcat	cgtcataatc	tttacgggaa	acagcccat	tattgaccag	120
tcggctgaca	cgttcaaaa	tgcgatttgc	ctgaaacgcc	tgagcctcag	cttggcgaag	180
ttgcgcctta	gcgctatcaa	gagctacctg	aaatggtcgc	ggatcaattt	gaaatag	237

&lt;210&gt; 4872

&lt;211&gt; 285

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (38)

&lt;400&gt; 4872

tcgagctgca	tcaccaatag	tgctcattct	ctccccanat	gctattcggt	gataactaaag	60
ttagtggttaa	aagacatagt	ttcaggcaag	acttttgggg	aatttggttaa	gcctctgaac	120
aagttggcac	acaaattatt	tccaaaaaat	tcgggccaga	agttaccctc	tttaaagggt	180
aaaccctccc	ctgataggaa	ggtcaagggc	catattattt	atTTTTtttc	aatcataacc	240
aagataattt	acttttatatt	ttattcattc	attaaagaat	cctaa		285

<210> 4873  
 <211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4873  
 cgccatctac gtggtgaaga cagggatagc cttcgacgga tggcggcaga gttaaactgt 60  
 ccgttgaact actttttttg tgatgatcag acgacagcag aacttgcatt actcatatcc 120  
 cgaatgacag aggaagagcg aagtaaactt atcgaagcac tcaaacgctc ttcaggtgac 180  
 aacactgctg acaaaaaatg a 201

<210> 4874  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4874  
 aggctcgacc caatgcgttc gttcgccagc ccccttaaca ccaacatagc gtatgccaaag 60  
 aaaataatct ggcaatcctt tattccgcaa acgtttgctg aggtcagagt tatctatatg 120  
 tcgtttgacc aaggcatcct gtctgagatt gaatgcctca acagaacgga atccagtgcac 180  
 gatcagtaa 189

<210> 4875  
 <211> 465  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4875  
 aaacaaagag gaagaaaact aatgcgtggt aaagaattgg atactcagat agagcatgaa 60  
 ctccagttga tgttgattga agggtttgat aaatcgccta tttcagctat aaacttacat 120  
 gccagactta aatcaaaaag aatcattaat ggtggcctaa gtacattaag taacattgaa 180  
 cgaaggcgctc ttattgcagc ctatgtcgat caacaactat cgcccttgaa tcttcgtccc 240  
 aaagaaaaac agcagtatgt gaaccgtaag actcggcagg ccttgcttgg tcgtaatcag 300  
 cagttacagg aagagaataa agagcttcgc gaacaactag cacagaatac cttgtcattg 360  
 attgaaattg tcaaagcggt aaaaatcaat acggttatat cggtagaaag ccttcttgct 420  
 ccgcatttga tcatggaatt acacaaaagg aaaaaagatc aatga 465

<210> 4876  
 <211> 1242  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4876  
 gtcactctaa atgactctga ggtgtctgtt aaaccctgtg cgattcagta tatagaggac 60  
 gatattctcg atgccagagc tttctattct atattatttg ggttgaagat cctttgttgt 120  
 gaagagttcc ctggatttac tttggaagac tatgaggatc ttgagtttat acctagacca 180  
 aatgcgttta actgggagat ttatcaggac attgacaata ttctcgaacc tttggaaaaa 240  
 agcatgataa ctaaaaggttt atttgagata gcaactggat tggccagagg taaaacttat 300  
 gatattaaaag agttaaaagca taccgcagta ctggcgctaa gttatgccac tggagcgctg 360  
 cccgtgcagt tggcaaagtt atctgttcga gacttgagaa ttgatacgtg cgatacacat 420  
 actgggctaa ttagatatag cattctacta ccttacgtca aacagagacg ccttacgacc 480  
 gagcgtttgc tgcttgctat acctccggaa attggtgcgt taatcaagca ttatgtggac 540  
 aaagctcagt tattatccca tgacagaatg ttcgaaatgg gagtgtctgc ccctgctttt 600  
 gtctcccaat ctataagcca agccattcta aacttcagtc cccctgaata tcaaaactgcc 660  
 gttggtcgcg gagaggccgc tcccccgctc atcacatcta ctgatctacg tcacaacggt 720  
 ggacactcac ttgcaatgca gggcgctagt gcagaggaaa ttgctcacat tcttggccat 780  
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 gctaaaagcac tcggttctaa cctgtgtggg caaaacatgg tggctatgat gcttactggg 900  
 aaacttgtcc cttcaaaaaga atgggaaggt cgacgcgtgg ttggtatggt tgggtgatcga 960  
 ttgcactatg agattggtgg ctgtgcgaga accgatgatg aatgcccctt ctgtgaagtc 1020  
 cgttgctgct atggttgctt atattaccgc cctttccttg atggccatca ccagggcgta 1080

ttgaatagcg	tctctaaaga	agtcgatgag	ctgatagcag	tatcagatag	tgttggtaat	1140
gctctcaatc	cactaatctt	tgtccacgag	acgacgcaaa	tagaaatcaa	gtcagtgatt	1200
gcccgttgtc	atttgcataa	cgtcagaggt	tgtagggaaat	ga		1242

<210> 4877  
 <211> 261  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (15)

<400> 4877						
cgggccttgt	cgaanaaaca	acacaaagtc	tcgacaagaa	gtctttttga	tacccgcaca	60
caagtcagat	tacaactaag	tcgaagcggt	cataaaacgc	tggtcatctgc	taaagaaatt	120
ttacagggaa	ggggggttga	ttcgggtctct	attgaagatc	ttgtgcgagc	ctgtcttgaa	180
gagaaccagc	caattgatct	agcctcactt	taccttgaaa	atctcttaaa	acagaaaggt	240
accagcattt	gcgattttta	g				261

<210> 4878  
 <211> 453  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4878						
tggtggattg	ttttctgttt	caccatacca	aacctaagaa	aaaagcaaaa	aacaaaacta	60
ctgtggctaa	gcctcaactt	aaacagacta	aaagagaagg	gagtgaaaat	ggaactgggc	120
attatggtgt	gcacgtgtgt	gttactctca	gtggcgggcg	cgtggatcag	taataagaca	180
gttgatttgc	tcgaaagatt	ctatttcaag	cgtccgctga	gcattggagta	cgcggcatgg	240
ttacgtgtaa	tgtgtgcagg	cttgttatta	gtttttattc	aggttgctcc	ccaatttaca	300
ctcctgtata	cccttaaact	tgtcacgctt	attaatcttg	gaatccagac	aatgaaatta	360
aatggcgtgt	acaaatataa	aaggacggga	attttgcctc	cgggaggggc	actctctaatt	420
ctcaccagac	ttaaccctgt	caagaaaaaa	taa			453

<210> 4879  
 <211> 540  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4879						
aacatgagta	ctcaaaagca	actttccaga	actaccggca	ctgaacgtat	gtttaaggaa	60
gagctggcgt	tatccttaat	ttgttgggtt	ttcaccagtc	cttttaccac	ctggaccgat	120
aaagtcttca	gtggtattga	agttccgtct	gaaggaccgt	catcattacg	gggtgagaca	180
gaaaaattct	ttcgttttgt	cgttaatgaa	gaaggctacg	acgcaggaag	ggctgctatt	240
ggtcttgacc	tatgttggtt	ttcacttccg	ttgtgtttgt	tcccggacgc	tgccctgtct	300
gaggaagagg	ttatgagtaa	gttaaccgga	gaagttatcc	atggaattct	tctttcctta	360
cctgagttta	ttgatatgcc	agaagtgtct	gcttaccagg	tcagggatga	aattcttgct	420
tttaacactc	gctgtggaga	cgggatcttt	catggttgga	acacggcttc	agaattgtgg	480
aagtttgaaa	tctttccccc	caccaccatc	atgatgcagc	atacttcggc	aatacattaa	540

<210> 4880  
 <211> 915  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4880						
ggaacaacaa	tgcaatggat	ttccacagcc	agccagaaaa	tcgatgagcg	tctctatcgt	60
gtctgcgtct	gggtaaaaaa	atatcacgct	gatgcgatta	accgcgttgt	gctaaccgtt	120
gatctaagta	aagcccagaca	tgaccctgac	gaggaccagg	taagagcaga	actgctgtgc	180
ggccattatt	ttttgcttcg	taaggaaaac	gcttcgaact	ctgcgcctga	cgatcaaaaag	240

tttgctttcc	tgcctgacgg	gcgcaatctg	tgttggcaga	ccgcaacccc	ggtgcttcag	300
catctcctac	tcaataaaaa	cggttcctgag	tcgctgaggt	tgcttacgga	ctacatacat	360
atgcgtctgg	ccaggttgac	aatggtacct	atgtccggaa	ccatcatgaa	cgaggctctg	420
ctggacagca	tcagctgggt	taaggtggat	ttgacctact	tctggcagta	cgaacagctc	480
agctctcatc	tgggacccat	ccagataaacc	cacaaggcac	ttgtacgctt	cgggcacctg	540
gcaaagaatg	atgaaaactc	cagtgccata	agaattctgc	gtcagcgctc	gtcttcagaa	600
ttcttacaag	aatttcagat	ggctgaggat	gagctaaagc	gcaaacagtc	gttgatgggc	660
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cgatataaaa	atggttgggt	aatggtggat	tgttttctgt	ttcaccatac	caaacctaag	780
aaaaaagcaa	aaaacaaaac	tactgtggct	aagcctcaac	ttaaacagac	taaaagagaa	840
gggagtgaag	atggaactgg	gcattatggt	gtgcatcgtg	ttgttactct	cagtggcggc	900
ggcgtggatc	agtaa					915

&lt;210&gt; 4881

&lt;211&gt; 564

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4881

tgtatctact	ttatcgatgg	ataccatctt	ttatatatca	ccttaaacga	taagaataga	60
ccgcatcaac	gcccatactg	gcgtcaatat	gaggtaaata	tgcaacatca	ggatgcactc	120
caacgtaaat	tgccggagcg	gatcttccat	gccgtctggt	ttgaaggcat	tgctacggcg	180
atcctcgccc	cgacggccgc	gtggctaagt	cagcgctcgg	tggttgaaat	ggggggtctc	240
accataattc	tggcgaccac	ggcaatgctc	tggaacatta	tctataactt	tggcttcgac	300
cgtttctggc	ccgtccagcg	ggtgaagcgc	acggcgaaag	tgcgcgccct	gcatgcgctg	360
ggttttgaat	gcggttttat	tgtgattggc	gtaaccatcg	ttgccgccgt	gctgggcgtg	420
acgctgctcc	aggcctttac	gctggaaatt	ggtttcttcc	tgttcttccct	gccgtacacc	480
atgctctaca	actgggcgta	cgacaccctg	cgggagaaaa	tcatcaagcg	ccaccagcaa	540
cgccgcgccc	tggcaagcga	ataa				564

&lt;210&gt; 4882

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4882

ccacgcaaca	ccttcctgtc	gctgctctgt	gacccaatcg	aggacgcgtg	taatctcctc	60
gtcctgatta	tcaaagctgg	ccagcgcggg	atacttcccg	gacaggccac	ctgcggcagg	120
ctgctgggat	ttgagagaag	cttctatgtg	attattgaga	taattaaatg	gtacgctgct	180
ggcaaaatgg	agtatttgcc	gggtgttgcg	ataattggta	tccaaaatag	ttgtacggcc	240
ctgagccttt	atatcgacgc	tggacagggc	aaaatcgaga	gctttctttt	tctgataaat	300
tga						303

&lt;210&gt; 4883

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4883

cacgtttctt	cattacgttg	ttggcttcac	ttactggatg	ctaacaatat	gaaaagaaaa	60
attattcctg	tgcttatcgg	ttgtgcgctc	tctttctctg	gcctggetgc	gcagcctacc	120
gctgagcgct	atatcgtcag	cttccctgac	ggctcccatg	tgaaatacag	cggcgcggtt	180
gccgatgcgt	tcccgaacgg	gctcccgggt	gggatgggtt	ctggctctgt	gttcacgggc	240
aagcagggcg	atgcgctgac	gtttgcgacc	gtgaccgatc	gcggtcctaa	cgcggattcg	300
ccaaaaatgg	ggaaaaacga	tgccaaaaatc	tttgttaccc	cggatttcgc	tccgctgctg	360
atgacgatcc	gcgtgcaaaa	cggtaaaagcg	gaggccgtgg	acgcgcgacc	gctgcatgac	420
gataaaggcg	agatcaacgg	cctgccgctg	caaagcgggt	tgattgggtc	caccaatgaa	480
gtcgcgctaa	gcgacacctt	aaaagtactg	aaaggcgata	accgcgggct	ggatacggaa	540
ggcatcacgc	cggacgggaa	ggacgggtac	tggctgtgcg	atgagtatgg	cccgctcctg	600
attaacgtcg	acagtaaagg	gaaaatcctc	gcgatccacg	gtccgcaggc	gacgcaaggg	660
gagaagtcca	tcgcggggcg	tctgccaaac	gttatcaaat	ggcgtcaggc	aaaccggggc	720

ttcgaagggc	tgacccgcat	gccggacgga	cgcattatcg	ccgccgtgca	aagcacgctg	780
gatattgacg	ggaagagcaa	aaaacaggcg	ctgtttacgc	gtctggtgag	cttcgatccg	840
gcgaccggga	aaaccgcat	gtacggctac	cctgtcgaca	gcgcggccta	cagcaaaaac	900
agcgacgcca	aaatcggcga	catagtggcg	ctggataacc	acaccatcct	gctgattgaa	960
caggggtgagg	ataaaaaatga	cgcaatgcgt	aacctcatct	acagggtgga	tctgagcaag	1020
gcgagcgatc	tggccgcctt	cgacaagccg	ggcgaatacc	cggagtttga	tgatgagaaa	1080
acgctggcgc	agcgcgccat	tacacttgct	gaaaaaacgc	aggtgggtcg	tctgcgtgcg	1140
ctgggctggc	agcaggaaaa	ggccgaagga	ctggcgctga	ttgacagcaa	aacgctggcg	1200
gtagcgaacg	ataacgattt	tggcgtgaag	gtagcgatgc	aaaacccggg	cgagggcaag	1260
aagcttaagg	attaccgggt	gaacgcggaa	ggcaagctga	cgctggatga	taaaccggtg	1320
gaaaccacgc	tcagcgtgaa	gccgctgaag	aagccggagt	ccgacagcga	gctgtggatt	1380
gtgacgctgc	cggaggcggt	gaaataa				1407

&lt;210&gt; 4884

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4884

aacgctgcta	ataacaataa	aaatggagaa	catcaccaac	agtacttttg	caagaaaacc	60
aaactgtata	tttattgcaa	aaggaaaaag	aagaaacgca	ccccaggcaa	ggagcgacgc	120
ccatccggcc	aacttattta	caacaccgcc	actttcgaac	cgaataaaat	gaataataat	180
ttcctgtctt	caccgcgagg	ctgccaggta	ccgcgctaa			219

&lt;210&gt; 4885

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4885

cctacactat	ttttaagcgg	attagaattg	attaaataca	aaaaacagaa	tggtataaat	60
atgattttca	gcagatgtgc	cagagcagaa	attaaggaaa	acatgagaaa	gaggaaaaac	120
aaaaaggccc	acgttacaa	taacgtgggc	ctgaatattg	gcggaacgga	cgggactcga	180
accgcgacc	ccctgcgtga	caggcaggta	ttctaa			216

&lt;210&gt; 4886

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4886

ctaaacggaa	tcccggaggt	taaatctgcg	ctaaatggcc	ggaaatattt	tgcgaagcag	60
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aaagttaatg	attcttgtca	gaaagcgggt	gcgtatcgtg	aacagactta	taatgagaga	180
aatga						186

&lt;210&gt; 4887

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;unsure

&lt;222&gt;(65)

&lt;400&gt; 4887

tacgggcatt	tcgattccct	ctgccggaaa	tatgatttgc	ttttaccctt	ttggcgttgt	60
gatcngcgcg	cccattgtgg	cgctgttctc	cacaaatttt	cgctgataaa	caagctgctg	120
tttctggttg	cgaagtgcct	cgttggtaac	acacccttta	ccttctctga	actcctaact	180
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tgggggctat	taaccggttc	a				261

<210> 4888  
 <211> 321  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4888  
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 gttcttttcg cctttccctc acggtactgg ttcactatcg gtcagtcagg agtatcttagc 120  
 cttggaggat ggtcccccca tattcagaca ggataccacg tgtcccggcc tactcttcga 180  
 gttcacagca agtgtgtttt cgtgtacggg actatcaccc tgtaccgctg gactttccag 240  
 accgttccac taacacacaa gctgattcag actccgggct gctccccgtt cgctcgccgc 300  
 tactggggga atctcggttg a 321

<210> 4889  
 <211> 234  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4889  
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 tggacgatat ctttaaccac actatccgca tacgtttttg tgatcatatg tccccttata 120  
 actaaattct acattttatct aaaaaaaaaa tataagttct tcatccatga agaactttct 180  
 agaaatacta tttacgtaac aatctcagac catttgctac aaccagaagg ctag 234

<210> 4890  
 <211> 198  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4890  
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 gttacacccc ttatgctgat gatcgccatg actatgttct tcctcaccat gatcatgttc 120  
 ttcacatgta tgactatgtt catggctgca tccttcatgt gcatgcccac ctttcacatg 180  
 cccttgctcg cgatgtaa 198

<210> 4891  
 <211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4891  
 tattttccgta taaagttaat taatagaaaa agctcagtga tggcgaaaca caagtccaac 60  
 tctttagtgt tacgccatca tggtcctaga aaaatagcta atcttttgac actctgtttc 120  
 cagagaacg acgttgacc gcaccttctc gtttaccgga atgacttata tcatcagcaa 180  
 tcgttaatct atgaagaata g 201

<210> 4892  
 <211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4892  
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 acttgttcct tcacttacct caccatcaac aggcactcgc tcacctgggc gaacttcgat 120  
 aatgtcatca aggactacat cattaattgg aatatcgaca acaacgccat tacgcaaac 180  
 atgcgcctct ttggcctgta a 201

<210> 4893  
 <211> 189  
 <212> DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4893

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aatagattca	cttcccgtga	attaattcaa	cctgaagttg	ggtattttta	tgggggagcg	120
atgggtgtat	tgtttttaat	gaacggaatg	tttgttaaaa	ggatagctaa	taatgtcagg	180
ggaatctga						189

## &lt;210&gt; 4894

## &lt;211&gt; 2130

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4894

aatggagata	atggaatgac	ggaggcgaag	acaaaaccct	acgctccacg	ggtggtatca	60
gaaggcgata	ttccggtaca	caaaaaccctg	ggcgaagtcg	cccagacgcg	caacgtcggg	120
ataccgcgcc	cgatgcccgg	catttgtgatc	ctcgtccatg	gcgtagaacg	cgtgggtgaa	180
gcctaccaga	accaggagaa	aggtatactt	gccgggctgg	gtaagcgact	taaccggcag	240
gattttttacg	cccacgaatg	gaaagactac	agaattatca	ctccagggcg	ttcccccatc	300
atcccgtttt	actggggata	taaaccggtt	acgcatgctg	attaccgggc	ggaccagaag	360
cgctaccggg	aggagggtcg	gaagctgagt	gacaaaagcg	atcttcccta	tgatgcgtac	420
caggaagata	acgagacgaa	taaaaagtcg	ctgggtaatg	acggaaaagg	gccgtttcag	480
taccagaacg	ataactttta	gaacgcactt	gataagagtt	ttgccaaggg	gggcgggacc	540
tttgccaacg	cgacgacgac	gatcccggat	atgctggggc	ccggcgccgg	tggcttcggc	600
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gtgctgccga	aaggtgagta	tggggtggtg	aataagttca	ataatgcaac	gactgtcaag	2040
ccgtccagtg	atcttgtcgc	agggaatcag	gacgtcgcaa	atctgcaatg	ggacatgcca	2100
aagcccataa	gtgacagtca	actggcttaa				2130

## &lt;210&gt; 4895

## &lt;211&gt; 711

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 4895

agcatgaaaa	tatcatttat	gggtctgatg	gccactgctg	ttttactggc	gatcggatgc	60
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ctgaaaggct	ggggccgcga	aggcgaactc	tggtacacgg	atactgagct	gggtatacat	180
acccaacctg	ttagccaatt	ttacaagatc	ttcaccaaaa	aattcataca	tccatcggag	240

cgttatatag	ctatccctac	ctgggggctct	ccaggaacaa	taattttcaaa	agattatggg	300
aaaacctggt	cccctcagtt	ttattcagcg	ggttctaacg	aaccaaattg	agatttcttca	360
ccgccctacg	atgacattat	ttccttttact	ggtgttaagg	accagggatt	tatgctgacc	420
aaacaccggc	tgtatatgtc	gtcaaaaaccg	tttgaagacc	cgcgcattct	gcccggcggg	480
ccggggattg	cctataccgt	ggatgacgga	atgggaaata	aagtaagcgg	gaagctggac	540
ccccgtttcc	ctggctgggc	gtggggaatg	gtctacatga	ctaagcaggg	actcgagggc	600
agcacgcagc	aacttaaggc	taactggcaa	gatttaccgc	acagcgtacc	cgaggtgaag	660
ggctataccg	gctgggatca	tatgcgctgt	gatatggatg	cggggcgata	a	711

&lt;210&gt; 4896

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4896

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ctgggtgaaag	aaccgccgac	gcaggtagtt	tatcgattcg	atgatcaccg	ttatctcgaa	120
ctgaaagggg	gggattgtga	aggcgaactc	tggtacacgg	ataactaagc	aggcattcac	180
accgaacccg	taagtcagtt	ttatcgactc	tttaccgcgt	aattttattca	tccatcagag	240
cgatatattg	cactgacggg	atggggagtg	agtggattca	tagtatctaa	ggactatggg	300
aaaacgtggc	gctctgtagc	gtttttcacca	aatcataatg	aacccaatgg	tgatgactac	360
gcgccgtatg	aggatattat	ttctttcacc	gtcgtcaacg	atcagggttt	tttacagacc	420
aaacaccagc	tgtatatgtc	gtcaaaaacca	tttgaagacc	cgcgcattct	gcccggcggg	480
ccggggattg	cctataccgt	ggatgacgga	atgggaaata	aagtaagcga	tacgctggac	540
ccccgtttcc	ctggctgggc	ctggggaatg	gtctatatga	ctaagcaggg	gcttaagcac	600
agcacgcagc	aatttaaggc	taactggcaa	gatttaccgc	acagcgtacc	cgaagtgaag	660
gagtacaccg	gctgggatca	tatgcgctgt	gatatggatg	cggggcgata	a	711

&lt;210&gt; 4897

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4897

ctgatgaaag	gattatgtac	cgttctcgca	gctacgtccg	ttgtgctggc	gaccggatgc	60
caggcgaaag	aaccaccaac	gcaggtggtg	taccgatttg	atgatcatcg	ttatctcgaa	120
ctgaaagggt	ggggatgtga	taggaaaactc	tggttcccgg	ataactaagcc	aagcattcac	180
tccgaaaccc	ctaagttcgt	ttaa				204

&lt;210&gt; 4898

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4898

aaaagatcga	tttttgagcg	atgtgtgcmc	atccatctgc	cagtgttcac	atttcaggag	60
cgacaaaact	cttcagccct	ggatcatgatt	ttccctccct	tttatcactc	atgcagaaaa	120
cctaaacgcc	agccatgcag	taagttcgcc	acgtatccgg	aaggtgcgaa	cggcgtgctt	180
taa						183

&lt;210&gt; 4899

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4899

aaaagaacgc	cgcgtagcgg	cctgccgaaa	tgcccttgcg	cgctttttgt	gagcctgaca	60
aaaagttgct	caaaggttgg	ctaccagatt	attttgttac	tttatcgaag	tgatgggaata	120
gtccagccac	ggactattcc	atcactcaca	gttataaaaa	ataaggataa	tattggcccc	180
actatatatt	taaatatacct	atctcttttt	ttaaccacct	tcacatacag	ataa	234



<210> 4900  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4900  
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 ccgctcagcc tgcttttcggt agtggtcata tcgctcccg aaccatgcct gctgtttatt 120  
 actcatattg ccggtcacgg catcgatatc aactggctgg ccctgggcgt acatacgggc 180  
 aaaactgcgt gccagaaaat caaaattctt taa 213

<210> 4901  
 <211> 765  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4901  
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 cccggcattt gctgccggat gcgcggctgt cctgcaatgc ggaacaaatc gcgcaggctc 120  
 ggcgacggc agtgctgcgt ccccttaatc cgcaacagaa cagaaacgac attatcacca 180  
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 atggcgatta ccgctggtaa agcgtggca atcactctgg cgaccctgtt aaccggctgc 300  
 ggtctgacgc agaaagtac ggatggcacc gtcgccgtca cgaagtccat tttttacaga 360  
 caggtgaaaa cccctcacct ggatattcag gcgcgcgaag gggagaacaa caacgcgaag 420  
 ggggcatcgc tggcaacggg ggtgcgaatt taccagctta aagagcgtaa ggcgtttgac 480  
 agtactgatt atccgtcgtt gttcgccagt gacactcagg ccattaaagc cgatcttggtg 540  
 gcggaaaagg atatccgctt gcgccctggc gaatcggtga cgctggatat gccgatggaa 600  
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 acctggcgta ttaccctgac ccgtgacgac ctgacccgg ataaggcgcg ggttatcgaa 720  
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<210> 4902  
 <211> 213  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4902  
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 aagacgttta gaagagggga tgttgcgccc ctccctgaat ttatgggaaa gtcaattcaa 180  
 ttgaccctgc tgattagata taattctgcc tga 213

<210> 4903  
 <211> 429  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4903  
 gccagatgcc gaaagcgaaa gcgtaaggcg gtagcaggga tgaaaattta tcgtccgtta 60  
 tgggaagacg gggccttcct ggccccgcag cagttccagc agcaggcccg ctgggatgca 120  
 catgtggccg acaccgtggc ccggatggcg ctggcgaacc cgtggggtgt gctgtgtgcg 180  
 gagttcgacg aaggcgctct ggccctttca cggctgaatg ccaccgggtt ttgcgtgcgc 240  
 tttgcggatg gtacgtggg ggacacagat ctggcggata cccggctgcg ctacggcagc 300  
 cggtagcccg ctgtcgcgat ttctggcgct gctgccggtg atgatgctgc cgggacggac 360  
 ggcggaggga atgggggcgc tgggtgcggct gctggcaccg gatacgcgca cgcaggttta 420  
 tcaccatga 429

<210> 4904  
 <211> 660  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4904  
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 ataccgggt gcgctcaggc agccggtacg ccgctgtcgc gatttctggc gctgctgccg 120  
 gtgatgatgc tgccgggacg gacggcggag ggaatggggg cgtggtgcg gctgctggca 180  
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 gttgcgatga gtacatgcca gccggtcagc ctgaagcacc ggccggtgat gggcacgcat 300  
 gccacggatg tgaacggcca ggtgctgttg cgcctgagca cggacaaccc ggaagagatc 360  
 cggggctggc tgccggggcg tgacctgcac gctgacctga tggcgctgct gcacgtgtgg 420  
 ctgggcgcgc acctggatgt acgtatgcag ttatgcgttg cccggcattt gctgccggat 480  
 gcgcggctgt cctgcaatgc ggaacaaatc gcgcaggctg ggcgacggc agtgctgcgt 540  
 ccccttaatc cgcaacagaa cagaaacgac attatcacca ttcaccctgg acgctttcag 600  
 cggtccggg aaaacattca gcgaaggaaa aacgatgaag atggcgatta ccgctggtaa 660

<210> 4905

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 4905  
 tcgtctgacg ctgaaaccgc tggaggggga atgatgccgc gtccgtctct gtatgacatg 60  
 ctgtacggta acttcgccgg cgggcttgac ctgcacagtg tcagttagga gaaccagctg 120  
 attttatcag tactcgataa catgcagcgc atcctcaact gccgcgccg tacgctggct 180  
 cacctgccgg actacggctc gccggatatg acaaaaatcc tccagggaat gcccgggacc 240  
 gccaccagc tgattaccac actgtcggct gtgttgctga aatacgagcc gcgcctgagc 300  
 cggattaatg tggatgagca ggaacagatt cagcccggtg aactccgcta cgccattgat 360  
 gcggagctga aggggggtgg gctggtgcgc tacggcacgg aatttatgcc cgagggcagg 420  
 gtattaatcc gtcatttgaa acaacagcag tatctggata atacagcccg attgtga 477

<210> 4906

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 4906  
 aaattgggcg agcggcaacc tgaacgacca gatatttatt ttaccctggc cggaaaagat 60  
 acattaaaga gtaacttttc aatgggttat tgtagaactt gtgctgtagc ggggttctgaa 120  
 atattaataa ttgattttct cgccgtgagt cattgcattt tatctggcga aaagggtcaat 180  
 ggctga 186

<210> 4907

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 4907  
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 tcaagtggt gctctaacca actgagctac agacgcaaga tgggtgcgttc aattggactc 120  
 gaaccaacga cccccaccat gtcaagggtg tgctctaacc aactgagcta tgaacgcatt 180  
 gtgttgctcg tgacaacggg gacgaatatt agcggcacag cagtcttcac cacggggctg 240  
 gaaggaaccg cgctg 255

<210> 4908

<211> 705

<212> DNA

<213> Enterobacter cloacae

<400> 4908  
 gttacgcttt gcgtcggatc ttcggcccg cgtggtcgga agacaatcca tagccatctt 60  
 tcgtctgcat gccctatcaa ccaaaatgaa tgttcaaata atatatcgca attttctatc 120  
 gacattaaag tacaagattg gcttagccgt tcaagagtag cgtttattga tttccataat 180

ctaagaaata	cagataaaaac	cacattaata	acagtggaaac	atcttgaagc	tttacttact	240
gttatgtcaa	ctactcttgt	cgcttacgct	ccatattcaa	aaaagagact	taacttttagc	300
tttctaaatt	catttacttt	gtctaaaact	tctcaaagtt	acacattaac	tttcccggta	360
gttctcagtc	cgctttttaga	tgctcttggc	ggtttcattc	aggaatgcat	aaccgaaaaa	420
ttgttaaaac	gacgaaattc	gaatttcattg	gtttacgagt	atcttaaacg	ttcaggccag	480
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cttatgagcg	tccttactgg	gctttctcag	caaggactca	tttcatttat	ttgcgatgga	600
aagaggggcg	accggagaat	agaagagctt	cagtttatac	cttatgttca	acgaactcac	660
cctgaggtat	taacttttca	ggaatggatt	agccccgttg	attag		705

&lt;210&gt; 4909

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4909

aaacacgacc	gtttcgggttc	gcatacctgta	cgccgaacgt	attcaacaag	aggaagtcct	60
atgagcaacc	aaccaccag	cctgccagaa	gaagatattg	agtttggtat	ggataccttt	120
cagaggagca	tgggtaaatc	caaacctgtc	agggatactc	aaatagaggg	cgagaaaccg	180
caaagtaaag	agtccgcaaa	ctcaactgaa	aaccccggtt	atgaagaatt	cttttaa	237

&lt;210&gt; 4910

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4910

gggatggggg	acattgtgat	taaaaggcgt	aacattcgac	gatcagttta	tggattgctt	60
attgttctta	tcgccggaaa	tgtgtggtta	ggccttagag	ctgataaaat	tcataaagtg	120
cgttatcagg	atttctggtc	accggcaact	gtgattaaag	taactgtaat	gccttcaacg	180
aatgaaatcc	agctcagtg	taaaatccct	aaatcggtta	gagtttcaaa	caattatggt	240
gagtactcgt	taccgggcac	actctcggac	aagaccattt	accgaagcgt	gttagaagat	300
gagatgctca	ctttgcttaa	tgctggaggt	caacttgaag	ttaaatacac	tctggacaag	360
cagacaaatc	gaactaaggt	atgcactaag	tgcttacggg	tgattaaaga	tattaaccat	420
caatattcag	ccactgaggt	aaagcatggg	cagtcttaa			459

&lt;210&gt; 4911

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4911

cccacagccg	gacgcagaat	aatttacttt	tggcaaagtg	ttggttttgt	cagagtcatt	60
aaggattcag	gctttttgcc	cgcttttttt	aaacctccat	gtatcgttct	tgccccgttt	120
atgcggggct	ttttttttgc	ttctttctat	gagttgacat	ctttaagtgt	tattcagaga	180
cataaaaaac	tttttcgtgt	cactgaacct	attaggttac	agagcgacgt	tgctatcctg	240
gtaaaagtgt	tttctaaagg	accggtaaaa	tgtcatctct	tgattctgaa	gctaaacccg	300
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&lt;210&gt; 4912

&lt;211&gt; 1824

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4912

ggctataacc	tattcccggg	gcatacatatg	cgtaaaactc	taattggctg	catggttgca	60
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accaataagg	ctgttcggaa	tattaagcct	gcaacacaaa	catatcttaa	tcccgtggt	180
gttttgactc	tgaacttgat	atcgggtctt	gatcggtacg	agcgagtgc	ggtcacacga	240
gacagcgata	aaaaggttat	gtattcctcc	gtctcgacca	aaacgagcgt	tgcatatcgt	300
atcgttgctg	ccgatggaac	agaatactat	ggaaaggata	tggttctacc	ggcgctcgga	360

gaagggacct	ttactgtagt	caatgaaact	ctggatattc	gccagactgt	agtgagcaca	420
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agtggccagt	tttctatat	tgcagacggg	attgaggatg	ctagtggagt	tgccaagatc	600
cgtcttgatc	ttaaacgaag	taatggttct	gtgggtctccg	acaataacct	gagttatgac	660
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gtaccagaag	gcagttataa	cgtggtaatt	aatgcccaag	atacattcaa	caataccggt	1800
aacctccctt	atcaaaactgt	tgctc				1824

&lt;210&gt; 4913

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4913

gltgatcaag	tctggattgc	tatctgcaag	caatgcattt	tgtgcaaaca	tggtcagaaa	60
aacggcacca	ccgcctataa	agggttctac	ccaccggcaa	ctatgatcgt	gtgggtagtg	120
atggctgatg	aaaggcatca	gtttcggttt	tccaccagcc	catttgatta	tcggcatgtg	180
tctgagatgt	cgagtcaaag	tgtctatacc	tga			213

&lt;210&gt; 4914

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4914

gcacccaaag	aaaaatctgt	tactgtttta	gatgtcatat	tttcattaat	agtaatcatt	60
gcgacaatga	atggtgatgc	aattccaagt	gttgctagga	ctatcaccga	tatttcagac	120
cggttttctt	tagcggatcc	tttacttatt	gcagacattg	ctctgaacat	aacaaatgta	180
ctgttgagca	tcagaaaaca	gcataagagc	atgtataaca	ttgggtttcc	tcaacctata	240
agtgatgggt	accctgttat	tttacataaa	tttgactcaa	cagatgcttt	taaaatctcg	300
cttccttga						309

&lt;210&gt; 4915

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4915

actcatatcgt	gtagttccca	gacgccatat	ttctacctgt	ttggtttgccg	gttacgctta	60
tttctgcgtt	gttacgggtt	ttatctgaca	accaaactcg	atttacataa	acatgggtcga	120
aatatgaacc	atctccaggt	tgattcacgt	aaacctggag	aatgttggtg	gtttcaatgt	180
aatcaaatcc	agtga					195

<210> 4916  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

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 tcgatgatcc tcagacctga cgttcatcca cgtgatctga gcctgtggct gtatatacca 120  
 gttatactcg ctgccatggc tgcccttgaa ttaccagca ttgaacgtgt acccagcttc 180  
 agctga 186

<210> 4917  
 <211> 381  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4917  
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 ctaccggga agcgtaacct gtacgggtacc ttaccactg atatccagaa ggccgtcttc 180  
 actggttaca atactgttgc ttgcgacagt atctccggga gtaacgggtac caaaaatcaa 240  
 cttaccacca tcaattccca gtccaccgat atgctgggta ccattctccga ctatggttgt 300  
 gttatcagtc tcagaaataa gcattgcatt cgtgatgctc tcagtattta ttccgtcgag 360  
 cacaaagtta ctttttccta a 381

<210> 4918  
 <211> 555  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4918  
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 accaccagtg gtgttattaa cctgagaatt ggcccccttt atgtacagcg caacgccatt 120  
 aacagcgata ctgttaccgg aattttcgaa gcggccatca tccaccagga taccaatatt 180  
 atcgggtaccc gctgtaaaat cgatatattcc gttattaacg agcaaaccct gattacgcgt 240  
 tataaaacca gtcgcattac taagcgcggt gggtatatcc gcctcgtag taagaacaga 300  
 acccgatttt tgacctgtga cggaaccatc gaggccgtat gcattaccat caacctcagc 360  
 cacaatagcg ccgtcaccta caaggtttac gctaacaccc tgttcaagcg ttgcttcagc 420  
 ccccccggtg acgtacaggc ccttagcatt atccccaga atctgaaaat cacttccaga 480  
 cccggcaacg acttttgctc ctgtaccctg gaccagata ccgctgctac cggtgccgga 540  
 ggttttcacg tgtaa 555

<210> 4919  
 <211> 225  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4919  
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 tgtcaccatg ctgatccggt tcaggagcag gagttggagc tggagctggt tcaggtgtcg 120  
 gatttggttc aggttctggt gtggtatcag gcccgaggat cgtatctggt tccggggccg 180  
 gtgacagctc tgaacgcaga taccagtcgc cgctgcgcc attga 225

<210> 4920  
 <211> 333  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
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<220>  
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 <222>(50)

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 <222>(140)

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 aatttattta tctatcttct ggagcatgcc ttccagagag aggtgaccag tgatgaatta 120  
 ctcatatgt tctgggacan atatgggctt aaatcttcca ggcgccagct ctggtatgtt 180  
 ctggggcagc taaagttaag cctttattct ttaggtatcc cttacgattt tatccagaca 240  
 aaaaaaggaa gaggttacca tttggaaaag gtgaagatat atctgataat tgattctgga 300  
 actcaatgca gtcactctaga tcatagtcgg taa 333

<210> 4921  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4921  
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 tggctgttct ttctgcaacc aatggaggta ccgttacact ctcttcttcg gggagactta 120  
 ctggtgtttt accagcgtat ggctatggtg caggcggtgt ggccagttct ggtggtactg 180  
 gtataa 186

<210> 4922  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4922  
 agcgcgcttc tcggcaatcg cttctttgcg cagggcgtag gagatatcca gcccggagtc 60  
 acgcatgttc aggccctggt tcagaccctg agcgccacag ccgacaaaga ccaacttttta 120  
 acccagaagg aagctcgcgc catcagcaaa atcatcgcg cccaagaagc ggcaaaaagcc 180  
 cagtag 186

<210> 4923  
 <211> 198

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4923

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ggcccatgtt	tccgcatgaa	atatcagcat	ctgctaaatc	ctgttagatc	attgttaatt	120
ttatgcgggt	ttaatcgcat	tttcccagtg	aataactctg	taggcttttc	agcgattttt	180
ggtcataagc	taatgtga					198

&lt;210&gt; 4924

&lt;211&gt; 228

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4924

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gccgatggcc	gtcgcgcagt	ccgctatcgc	ctgccagatc	ccaatgcgcg	caagctgctg	120
gcaggttccc	tgggcccagc	cgatggcgcg	ggcatcgaag	ccgggatgat	cggccgcctg	180
cggcgcaacc	gcctcaacaa	gatgcaccgg	aagctggcct	ttgggttaa		228

&lt;210&gt; 4925

&lt;211&gt; 207

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4925

atcgcctggt	actctgccag	gtatcgttgt	aattttatta	caatgcactg	tactgctttt	60
acgcgtttcc	tgaaccatt	agcgcttaac	gtcgcgtgcg	atacgggat	ttttcgtcgc	120
ctgggccatt	acgcccgtct	gatgacgcaa	caaacgtcga	ttctttgcgc	aacgggggtca	180
gagcaaaacc	cgacgtcgat	caagtaa				207

&lt;210&gt; 4926

&lt;211&gt; 249

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4926

cgcgcatcag	gtgtaaactg	tccgctggcc	ggcgataagg	caaacgaggg	cgagatggat	60
attagcgtgg	attctaaaa	tgggaagcaag	cctgtgatgg	aaagcaacag	ccggataatt	120
ctggctgcag	acgctgcct	agcggcaatc	aacgaacatt	tcagtgatga	atttgtgaaa	180
ggtgaatggg	ctgattatgc	agctttgaga	agagcagctc	taagaactgc	cctagcttcg	240
cttatttga						249

&lt;210&gt; 4927

&lt;211&gt; 192

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4927

atgccagacg	cctctgatta	tttttcctgt	aaccatatct	tcggttttac	cgtgcgaaaa	60
gtaggcgatc	tggacacagt	catttgtgtct	aatccaataa	tatccctctt	tcataattca	120
cctcttaaat	tgtttcattt	agaagtgtat	atgacgattc	agaacccggg	ggtcgacaaa	180
acgttttttt	ga					192

&lt;210&gt; 4928

&lt;211&gt; 273

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

&lt;400&gt; 4928

aaaactaata	taatcaaat	gatacaatca	cagttaacac	aagttatatt	ttggctgggg	60
------------	-----------	------------	------------	------------	------------	----

ctgattgcag	cgctccccgc	cttctatcgc	tttgtgtacg	ctgggttcctc	tttgatatgg	120
cacaaatatt	tccctgtaaa	gaaaattgag	atacagttgg	ttaacgaaga	taaggcattg	180
attgaaaaca	ttgttctaga	ccttgataag	caggatgcc	agagggttat	cgagctaatt	240
gaatcaagcc	gtaaaaagg	taaggttcgc	tga			273

&lt;210&gt; 4929

&lt;211&gt; 900

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4929

aacaggaaag	ttatggaaaa	gactacttcc	ttcaaagttt	tttatgatgc	tgatgataaa	60
gaacttttcta	aacatgcaat	cgatgcggaa	acttttaggaa	actctattct	ttccatggct	120
aacctttatat	ccaaagccga	tgacttaatt	aacgaagggtg	gaaaatcagt	aaaggtcctg	180
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cgtcacacag	gtaaaaagaa	agggatagcc	accttagaat	tagatggcga	agatattgag	420
tgctcagctc	ctggttgccg	tctggtcaca	gaccctgcc	ttcgcaatgc	acttatcgca	480
gttgtgcaaa	aacctcttga	aggtaaagac	tcccctgtct	tcaaaattgt	tgatagtaaa	540
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ggcactttac	tagaaaaaga	cggtgaaatt	aaggagggtta	acgtgaaatt	tacccaagtt	660
aacttccaca	gcgagaaagg	ctggagaatg	gagtataaaa	acgaagagca	ctctgtacta	720
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gaccttttct	cagtatcttt	agagattacc	aaaaccacct	cagctagagc	ttccgcagag	840
aagtatgtta	tcaagaaagt	tatccggcat	cgagttgctc	aaggtaaaaa	actaatataa	900

&lt;210&gt; 4930

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4930

accttcttcc	tgttctggta	cagctggttt	atcagcccg	ttgattttca	gtgcagaacg	60
cccctcgcca	acctccccac	ccggtgcttt	ggcaaaatac	tggtagcact	tgccgttatg	120
ctggcgggtt	gcgcgattca	gtttgaccag	atggcataca	ccgcgctgaa	cagcatgaac	180
gtcgtactgt	ggcattga					198

&lt;210&gt; 4931

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4931

tcaaatcctc	acactgagga	gatagcaatg	aaagaagggtt	tctactggat	acagcacaac	60
ggcctagtgc	aggtagctta	ctacaccgac	ggtatcactg	aggaccttga	aacgggccag	120
acaataactg	gtgtctggca	tctgacacga	ggtgatgata	tttgccataa	cggtgaggct	180
gaagtgattg	aaggcccat	gtctgcgcca	ctgaaatga			219

&lt;210&gt; 4932

&lt;211&gt; 417

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4932

gaggattcac	agcaatatga	ggggggggccg	atgtccgac	cattttccgg	cacggggctg	60
gccggtttag	ctttgaccgg	agccagtgtc	tacgggtctat	tgaccggaac	tgactacggt	120
gtagtttttg	gtgcattttg	gggcgcccga	ttttacatag	cgacagcggc	tgacctgagt	180
gtgttacgtc	gcctggcata	cttcttcgtg	tcgtatatcg	tcggcattct	ttgttcgggg	240
ctgttgggtt	caaaactcac	atcctggacg	gggtacaccg	agaagcctct	ggatgctatc	300
ggtgccgtaa	tcgcttctgc	gtagccggtt	caaatectta	cgttcctgaa	caagcaggac	360



atcggctcgc tgggtggcgct gataacgcgc cggggaggtt caggtggtac taaatga 417

<210> 4933

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 4933

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tggatttcgc	gtttagcctg	gctgattacc	gtcacttaca	gcgctgtacc	gctggcgtag	180
ctgtgcggga	tttaccgcga	ttcatcatgg	gccaccattg	cggccaatat	catattcctt	240
tcagtgtctg	tggccgtcaa	aggcaacgtt	gcatgtcttg	tcgtcttc		288

<210> 4934

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 4934

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gggaaagatt	ccccgttcgc	ctatgtggag	agattaaaca	accaggcgga	tgagaacaac	120
taccagcctg	tgaacgcgat	ggtagaggca	tttgactga	tgaacgagaa	ggggcgtag	180
gaatggctga	agttgatcgc	cgattcagag	accacagagg	catcacgcgc	cacgtcatca	240
gatgggagcc	cgagaccgga	cgcggttatat	accttcgcga	agggtacgat	catgagtgc	300
tcagccctct	tgagcaattc	cagcgtaaat	ttacagagtt	aa		342

<210> 4935

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 4935

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ctgcagcgtg	cccagaagct	gatggccaga	tacggtatca	gcgagcttga	cgccggtctt	180
acatctgtgc	gcgaggcgtc	ttcccgcacg	gccccttcgc	atgctgaaaa	agttccggaa	240
tggatggtaa	cccttgctcg	gggcgtctgt	catgcctttg	gctgccgcgc	ttattactca	300
tggcgtcaga	cctctgccgc	gtatcgccgt	tcggtaacct	tttacggatt	cagtgaaaaa	360
cctgagatag	cagcctatgc	ctttgatgtg	ctgacgcgcc	agctgaaaga	tgccacaaat	420
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<210> 4936

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 4936

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cagatgctgc	aggggtcttc	gctcgaagag	cttcaactacc	tttccggcag	tgagggtctg	180
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atggccaatt	acttcgggct	ctccagtagc	gacgtggcgg	cccgcgctcg	tattgccggt	360
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tggcacaaga	cccggcagcc	ttctccggca	cgaacgccgg	taaggaagac	ggcatga	597

&lt;210&gt; 4937

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4937

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gcatgcggtc	cgtggctggc	acaagacccg	gcagccttct	ccggcacgaa	cgccggtaag	120
gaagacggca	tgaaatacag	gatggttgcg	ccgggcctgc	gggtcccca	tggtagcccg	180
ccgcaatgct	gtcagaaggc	gttacgtcag	gttcgccggt	tccggcaggg	ggcgcgtaat	240
tacaccgggc	tcgatgagaa	aggttgcggg	tactacaaaa	tcgatctcgg	cccgttctgg	300
cgctcgctga	gtcgcaacga	aggtcggaca	tggcttcttc	tcagccacga	acgctataac	360
agcgcatac	ggaaatag					378

&lt;210&gt; 4938

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4938

caaccgcgtg	tcgagcaaca	gccggcgggg	aatggaatca	tgcaatttct	cggtaaacag	60
caggccgtta	cgtatcctgc	catcatcccg	ccggggactg	gcgcgaaggc	gggcattcat	120
tttatccagc	gtataagcaa	tcaggcttct	tgccaggcaga	ctcattatct	ttccttttcg	180
gccgccatca	cggccggtct	gaactgtcag	tatgcttag			219

&lt;210&gt; 4939

&lt;211&gt; 255

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4939

gagtcgcgcc	gcgctgtttc	agcgcagcc	ccaccacttc	gcttagctgc	atcaattcat	60
ggtcagtcac	tctcgctcca	ggccttagaa	aaacatgcag	cacaagatag	cactttctca	120
tcaaataatg	ggatgcgcgt	cgggttttac	gagggggctt	cagaaaaaag	ccgatgcggg	180
cgcaccggcc	agagagacgc	ttatttcatg	ctgttagcga	gggtgtccac	attgtggcga	240
aacgccttga	cgtag					255

&lt;210&gt; 4940

&lt;211&gt; 432

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4940

aaccttttctg	cgtttgtcat	tgaaatgagc	ttccagcctg	atgactggct	tttccgacat	60
tgcaaaagct	ttgtccgtta	ctctgtaccg	gcattcatct	ccgaaacatt	ctttaacaac	120
gctggctatg	accgtgtcgt	gttctccatc	ttccggagct	ggcaciaaaga	tttcaaattg	180
tgccgggtga	tccggctcaa	gcagaacggg	atagagacgc	ggagaattaa	gcaaagcgca	240
ttcagaatta	atgagcttaa	cccaggcgct	tttgtcgtcc	ggatccttaa	gctgctgtcc	300
aaggttatcg	caaaagtcaa	ctatctgacg	ggtatgtcga	tccgtgactg	cacagatcag	360
gttaagacca	tgcgtggcca	tacgcagttc	ccgggttcgg	gactgggaat	tgatcgacca	420
ggggttaagt	ga					432

&lt;210&gt; 4941

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4941

atccgcttat	ttcagagaag	ctctgattta	gtagttaggg	aaaacgatgc	ggtgaaaagt	60
aactttttaca	ccgcaattca	gaaaaaagtt	tcaattagtc	acattacgaa	taacccggct	120
tacttttcgca	tgtgcgttcc	cctggatggt	aaagtaaagc	ccctcaggca	gactcgtcgc	180
ccacttaact	cctcgtcag	ccatacgctt	cggtgtttcc	agccaaccac	gaggaatatt	240
gcccgtaacg	tcaccgataa	cccgtga				267

&lt;210&gt; 4942

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4942

tcaggagaac	aacccatgaa	aatcaaacta	gccttggtta	ttgcatttgc	aggtttcagc	60
gcaggagttt	ccgctgaaat	cgcagaattc	agctttaaag	ataccctgaa	cgttaaaaag	120
accgtatcgc	ctgcatacgt	atggattaat	ccggtaacga	gctttgacgt	tgccggttta	180
tttttccggt	ctggaccgtt	atattacgct	cagtctgctg	aaaagtga		228

&lt;210&gt; 4943

&lt;211&gt; 525

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4943

ccagtagatt	cattctgtca	tgattactcc	agaactaacc	ggaggaatca	cattatgacc	60
aaatattatg	atcgcagtgg	aattgaaatc	tccagcgcaa	aaatccgctg	tggtgattct	120
gtaaaaggta	ctgcggaata	tacttttcgt	attgtttgcg	ataaatgcaa	tgggcgggga	180
gagcgtaagc	atttttatag	aagtcgctgt	atggcttgta	aagccacggg	ttacagcctc	240
gaaacgaccc	gtactgctta	cacgctgaat	gcgctgtacc	gcattaatgc	gcaagctgcc	300
cgcaaagtgt	cagcatccct	gcaagacgag	cgtttaagga	ctgaaagcgc	ccacagttct	360
gcgttcacag	catggtgcag	gtctcatcaa	aaaatggttg	atgcaatcac	ccaacaatcc	420
agtagtaata	attttctgga	aagccttaag	tcttctttaa	cccaccagcg	tcagttaagt	480
gataagcagc	tggcagttgc	cgcccgcatt	ttaggtattc	attaa		525

&lt;210&gt; 4944

&lt;211&gt; 1206

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4944

atcgtcatc	cattaagggt	aaaaatgaag	ctattttcaa	tttcatcccg	ggataacaagc	60
atggacgcga	tgttttatat	ccaggccagt	actaaacaac	aggcaagtta	catatttagt	120
accctttccc	cgaagcctat	tgcgaactgc	cagcttacag	atltgcagaa	tgagacggtc	180
gtcccttcca	taagccctat	ttcgctttca	cttaaccctt	ggtcgatcaa	ttcccagtc	240
cgaacccggg	aactgcgtat	ggccacgcat	ggtcttaacc	tgatctgtgc	agtcacggat	300
gagcataccc	gtcagatagt	tgacttttgc	gataaccttg	gacagcagct	taaggatccg	360
gacgacaaaa	gcgcctgggt	taagctcatt	aattctgaat	gcgctttgct	taattctccg	420
cgtctctatc	ccgttctgct	tgagccggat	acaccggcac	aatttgaaat	ctttgtgcca	480
gctccggaag	atggagaaca	cgacacggtc	atagccagcg	ttgttaaaga	atgtttcgga	540
gatgaatgcc	ggtacagagt	aacggacaaa	gcttttgcaa	tgtcggaaaa	gccagtcac	600
aggctggaag	ctcattttcaa	tgacaaaacgc	gaaaagggtt	tagaactgac	cttttctctgt	660
ttcaatcttt	cactctcagc	gtccgtgcat	gaaaaccagc	tacgtcagat	tttggttactt	720
tgcaagact	ttggcgtaag	gcttcagggt	agagcagggg	catcctgcca	cgtaaatatg	780
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gatgtgcggg	tctatacctc	gttaaaaagaa	gaaaaagatg	ttaagaggct	gcttgataag	900
tcaaccaggg	gaagtgaagt	tgtaaccggcg	aggcacgggc	agcagtttaa	cggggtctta	960
gtgaatgcc	caccgcgcat	ggccactact	ggtttcattt	acctttcgca	tgattttccg	1020
gaaggccagt	ttatgatgac	agccgaggtg	ttgcatgttg	gaattacacc	aggcgggtatt	1080
tactacattg	aaacactgga	cggttaccgg	tttatcgtga	cagcgtttga	gaagggatta	1140
atgaacgggt	tgagggaggt	tatagctgca	aatgaggaat	attttaagta	ttaccgctgg	1200
tcttag						1206

<210> 4945  
 <211> 282  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4945  
 cctcaaaactg tgctggaggc acaaatgtct gaaaaacact ttatcgttaa aatccagaac 60  
 cgaaacggcg accatgagaa tagctatgtt cggttactcg tcagcgattg tgagaaaaat 120  
 gcttgccaga cggcactcat ttcagagtgc catggcgagc ttgaacagct gagttttgaa 180  
 gacggtgggg ttacgacta caacggcgaa aatcactaca gtgtcaggag ctgcgtggag 240  
 gttgctccag aagacgttgc aactttgcaa cgcttccttt aa 282

<210> 4946  
 <211> 441  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4946  
 tcattatcct acacttcaaa aatattcatt attttttctt ctgacctatt agccagaatt 60  
 ctcgattcgg tatcattttac ttacggtaaa tcttttgaaa acgaggtaaa tggcatgcat 120  
 tctcaggatc ctatcacgaa attaaccag acgttgcaac gcgacgatgg ttctcagggtt 180  
 cgtattgtag cgcagcgggg atatggaagt gggcttacag cctcgcttga tgtgtacgtt 240  
 ctccgtcgtg attcctctga aagcaactgg tcaactgtcg gaaaagatcc tcaccagag 300  
 tggagaaaaga tgtcagtaga tgagtatcag aaatttggac gctctgaaat gctgcgttat 360  
 gccacaccag gtgaaattct cagggtggca tccgctattg gccagccaat gagcttcctc 420  
 gatggcaacc ctgcgtttta g 441

<210> 4947  
 <211> 714  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4947  
 ataatcaagg agtcaactgt ggcagataat tatactcagg cgtcgtttat tattccctgc 60  
 actcaggagc aggcaaaaat ggcacaagaa gcaatcacat tcgttaccga agcagaaatt 120  
 gcagaagggtg agcgttttgc tgataagcca ctgacagatt gttctctgac tgagaagctg 180  
 atcctcagta ttatcgagaa ccaccctgag tatgaccctt ctgagccgag ctttgggcaa 240  
 ccacccctgcc cagactgcaa ttatgaactg ttgttcgcaa cagaagttac cagcagtggg 300  
 ctggcagttt ttcattggaga gaccattgat cttgaccatg caatttgcct cacaactgcc 360  
 gtgctgtcgg tattcgacct ctcggaatg actattctg ctgctgcatt tacatgcagt 420  
 aaaagccgga cagatgaatt tgggggtatg actattctgg tcacaaaagga taccactat 480  
 taccaggatg cgtgtcagtt ttctcgtctc atgaatgagg ctacaaaagc cggtatccag 540  
 tatgctctgt gtaaagtgc gcatcaccac ggtgagagca gctatgtggc aagctatgtc 600  
 ctgagctgcg acgtagcgga ttcagcccag gaggtcgta acaaacgact gaaggcatgt 660  
 gccgaaaag agccagaaga gtcttcacca cggggctgga aggaaccgcg ctac 714

<210> 4948  
 <211> 1635  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4948  
 cgagctttga cgttgccggg ttatttttcc ggtctggacc gttatattac gctcagtctg 60  
 ctgaaaagtg acgggagcct catctggagc acgaaaagca gcctgggttac cgttgatgac 120  
 cgtaccacat cttcgacagg ctttgattat tacggcaaga ctctgaccgt accagcgatg 180  
 ggagaagata gcttcaccct cagagaggtg attaccgact tgcaagggaa ggaggtctcc 240  
 cggcaggatt acccgcttgc aattgaccga acgcctccgg caacgggtac cataagttat 300  
 acgagaaatg ggtggaactt tggcagcgaa gcgatcttca cttcagtacc agccgggtatg 360  
 cagtacgcca gcgtccaggc actggtcttt aatggactga gtgataaagg ttccgggctt 420  
 gctaagtctg aatatttcat aaccgatgcc gctggagtgg agcgtaaaaa gccagcgga 480  
 attaatacag tggaaggtag cgtaaccgtt caagtcgccg acgcaagcag caatgcctgt 540

gcaccggaaa	accgctctga	atataaagtg	gggatctacc	tttatgacaa	agcgggaaaac	600
aggagcgaac	taagccgccg	aagcgtaatt	gatcgggtta	agcctgacga	tatcatccag	660
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aaccctatth	ccgtacgggt	attaaggaag	aaaagtgact	ttactgctgt	taacggttcc	780
aaatatggct	gggcggtact	gaatttccag	acgtccgata	gcacttataa	tatctatact	840
ttcaaataca	tatatccaaa	tgtgggggat	acttatcatg	aatttcagac	tctggcgggg	900
ggagtaagac	gaattcatca	taactccctc	aacttcactc	cagccccggc	gatggaaata	960
gccccgaaga	tagtggctaa	agagatgtac	cggagtata	ccagttagtg	gttaactcag	1020
gcctcaatca	gcgttaaaaac	cgccaccatt	agccgcataa	aggtaaccgc	agaacccccg	1080
ccatacgtgc	aaaagttcag	aacggtaaaa	aatgcagcct	ggttctgcac	tattcctgtc	1140
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gctggtctac	cggacgggga	ttatacgggt	gttagcgtgt	ctgccacgga	tcttggtggg	1560
aaactcagga	accaaaccgc	ttatggcccc	gctgaaaatt	caactcaacgc	ttccggttat	1620
tgcggttcacc	tttaa					1635

&lt;210&gt; 4949

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (69)

&lt;400&gt; 4949

aacgcttcag	tgctgcaccc	agcctttaac	gaagggcatt	ggttgttcat	tgcagagcag	60
gataaccgnt	acattgaagt	ggctctgtatt	ctctcttttag	cttcagaaaag	cggagagcag	120
catattgatg	tttttattaa	tatgttcgaa	gacccgattg	atgatgttat	ttcacgaaac	180
attgaaacca	aaacctttgc	gacgctttat	aaatacattg	aacgtatacc	ttttactccg	240
ggtgtaaaga	aagaattctt	gagcagttat	gagaacatca	atttttagtta	a	291

&lt;210&gt; 4950

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4950

aggtggacag	atatgaagtc	agatacagaa	atggttttctc	ctatcgagtt	gcacattggc	60
gatcatgtcc	agcggcatgg	tgctttatth	gaggttatgc	atattgttga	atccgaatgc	120
gatattcccg	gcggcatccg	ggtagcagca	tgcatthtcac	gggttatcgg	tgacgtttacg	180
ggcaatatth	ctcgtgggtg	gctggaaaaca	ccgaagcgta	tggtgagcgc	aggagttaag	240
tgggcgacga	gtctgcctga	ggggctttac	tttaacatcc	aggggaacgc	acatgcgaaa	300
gtaagccggg	ttattcgtaa	tgtgactaat	tga			333

&lt;210&gt; 4951

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4951

ctgtcagtga	aagcgattat	aaaacccaaaa	acgccactth	ctcatacgtc	ggtctaccgg	60
acggggatta	tacggttgth	agcgtgtctg	ccacggatct	tggtgggaaa	ctcaggaacc	120
aaaccgctta	tggccccgct	gaaaattcac	tcaacgcttc	cggttattgc	gttcacctth	180
aatggcgagc	acgcagaaac	aaaactggtt	aaaggcgctg	agaacctacg	cataagcgth	240
actgatgctt	ctggggatgc	ttccctgata	tcgcttcagc	tcgctggtgg	acctaactct	300
gaaaaggtca	cccttgcat	cacgccgcta	tccaaggatg	tctttattcc	tgaatacccc	360

agaatcttcc	ccaatactga	cgaatcggga	cagatgtatc	atctggaggc	tctggctatt	420
gacgaatcag	gtaaccggac	cactaaaacg	cttaatttta	cctaccagcc	agctaacctg	480
attatgctgg	ataatctcaa	gacgctggcc	acagccgtag	cactgaaagc	aacggacaac	540
acgccgctgg	ccatcatccg	aaccagtgtg	ttgcgtcgtc	aggacggttc	tatcattacc	600
ggacagttaa	acggaaccct	gactgttcag	aaaaacgccc	agttcggcgt	tacggttgcc	660
ggagttacgg	tccagcctgg	tgaaactaaa	tcgctgtcac	tggatcttgg	taatggtgaa	720
gagcgacat	atcccgttac	tcccgtgtga	agtggccaat	ctggcacggc	cacatttact	780
atagaattcc	ctcaaacata	a				801

&lt;210&gt; 4952

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4952

catgaatatg	agcggagccg	ggttatgtct	aataatactg	aagtcattag	ctgtgattta	60
ttttcaactc	tatcttcact	taatttttagc	accgaggata	ttacagggtt	gactccggcc	120
aactttcgaa	agggagcttt	cttacatgca	aaaatttctg	ctagccaggc	cacgcgagcg	180
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gccctgaaaa	aaacctgcaa	ggtaatgaaa	acatatatca	aagagcaggc	atttaagcct	420
aacacctggg	ggcacagttt	cattaagggt	tga			453

&lt;210&gt; 4953

&lt;211&gt; 648

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4953

gttcagcgta	acaacattac	tggaaattttg	gttgcccttga	tgaagagctg	cttttctgat	60
ttaccgcgta	aagacggcac	gtccggaacc	tggaaactgg	acacattcga	aattaccgca	120
gataaggcga	tgagcctcgc	ccttcgtgcc	gagtatacag	gtaatacaga	cgagtttatc	180
ccgcccggtg	gatatcggcg	tttgtccaac	ggctgggatg	tggatgatgc	caataccccg	240
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acagtaattg	aaaaagaaca	ggacggttatt	aacctcgttg	cggcctcggt	tgcaaaccgat	420
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tacaacgcat	gctggcacga	catatggcca	gacttcgcaa	cagctaacct	ctcacagatg	540
gataagctgg	aaattaagta	ccgggacatc	tgtgaatggc	agggctcgtg	gggcagggag	600
gagtgtgagc	aaaagcacat	tgagtttcaa	aatcttgggg	ctgattga		648

&lt;210&gt; 4954

&lt;211&gt; 390

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4954

aattctcagg	gtggcatccg	ctattggcca	gccaatgagc	ttcctcgatg	gcaaccctgc	60
gttttagccc	gaaccctggc	gacgcctttt	aaaccggcgt	cattcttttt	acgagcaaca	120
gacggagaaa	aatgaatct	gaacgaacga	agcacgagcg	cagcaacgcc	agattttgagc	180
cgactttatc	tcatttccgg	gcgcattatg	tttgatgatg	atgatcaggc	ctacctggtc	240
gaagccgact	cccctgggtg	tgcagaggag	gctttccggc	atcatattgc	tgacagtgcc	300
gacgacttag	aaaagggtgat	tatagtttcc	tctacaagtt	tcgcttcagc	tcacagcagt	360
cgcgtaattt	gtcggcctgc	cgtgaagtaa				390

&lt;210&gt; 4955

&lt;211&gt; 240

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 4955  
 aacatgagat taacctatga acaccagcct acattttggg atttcaggtc tacacgggat 60  
 acatcattct gtttaataaa ccatcagatg attaatgaga gaatgaacac catgtacacc 120  
 ctgtgtatag ctgaaaacaa ggtatacatg gcttattata ctgatttatc tataaattat 180  
 ttactcgatg tataccatgt atacctttct ccatatttat ctgaacttca ttctttatga 240

<210> 4956

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 4956  
 tgtgtcatca cacataaaca cattacatcg ggtgtaattg acgtgtcaac acacaaaaac 60  
 gagagacgag gcaatcctcc attccaattt aggcttgatc cagagcttcg agagatgatg 120  
 gaacgagcgc aacagcaaga tggatgatgag tctctagccg catggcttaa gagaattatt 180  
 cgcaaggaac tccagcagcg tggatcagag ccaaagggtg ga 222

<210> 4957

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 4957  
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 ggtgaaagtc agggagggtc ggccatgacc gctatttata atctgggtcg ctgtagcgat 120  
 ggcaaaaccg tattcagttt tccggccggc ggccgctatc tgggtggacac gtcgaacggg 180  
 ttacagtcga tgcgccccct tatggacaac gagatacttt tcacagtggg gagtgcccg 240  
 cgctttctga agaaaattgg ttatcaggta atcccgcag cgtcgtga 288

<210> 4958

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 4958  
 cccggcaatc acccgaactt atctccagct ggggagcaag gccgcgggcta tccagacacg 60  
 cctcgctatg gaggtaaacg catgaaaaag ccaactcaaa acgaatccat tgccatgctg 120  
 acgaccagcg caggccaggc gctggaatac agccgtcagg cgcttgccgt tctcgatatg 180  
 tggatagata cactggcgcc ggatgatgaa atggaaagct ttcgtgtcgc ggcgggtcac 240  
 agcctgggtc gtcaggcatc ggaatatctg gtgaaagtca gggagggtcag gccatga 297

<210> 4959

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 4959  
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 ggcacatga ccaagggtta cgtaaagccc gttctgctga acagggagca gattcagggt 120  
 ctgaaaacca ttcaggagag ggagcgccag aagtcgggca tggggatcgc gccgtcaatc 180  
 catgctgttg cgcgcaaggt atttgatgcg ggactatcaa aaatggaggc tggccagtga 240

<210> 4960

<211> 1434

<212> DNA

<213> Enterobacter cloacae

<400> 4960  
 aggaaaatgg cgatgaataa aaaggcggaa agacgccggg atttttaccc ggcagagagc 60  
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&lt;210&gt; 4961

&lt;211&gt; 372

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4961

acgcaaaacg	aaaaaaaagc	cgcaatcagc	aagaagctga	gtgcggcttt	cgctgatgaa	60
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ctgcgcaagt	actttcacca	tttcgtcata	gccatcttct	tgctgcttga	gttcaagatg	180
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ggcaccatca	tagcggccat	ggaatcccgt	cacgttaaca	ttcagagtgt	cctgatcgct	300
tcccagaggc	tgcgaggcaa	cgacccaacc	ggggagctgg	ctgctcagat	tcgccaccag	360
cgtattgcgt	ag					372

&lt;210&gt; 4962

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4962

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aagtttttaa	tattgtggca	tatttatgcg	ttttcatatc	tgtgcatatt	tattgcgttt	120
tttgccgtcg	tgccagaagt	aaagctgttc	gattacctgt	caattaaata	cggattttatt	180
gatattgaac	ggtgggatat	ctattactcg	atTTTTgcga	tgtcaacaac	agtaataata	240
aacttcttgt	ttattttatt	aactttccgt	tttacttcta	aaacaaaaaa	gaaatga	297

&lt;210&gt; 4963

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4963

agcataaacg	agccggaatt	tatgggggtt	gccgaccacc	atgaatcttc	gtttgaacca	60
ccgtctcccc	taaaagaacc	cgatatacac	gttattcttg	atggaaagga	gcgagctaatt	120
gtgactgtga	catcagggtt	agaagtcgaa	ttactggaaa	ttccggtcgc	cgtaatatca	180
atgattgttg	agccactcat	agttgcccat	tga			213

&lt;210&gt; 4964

&lt;211&gt; 234



&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4964

cccaccgtaa	tcgtcaagcg	agatatattgat	aaggcccttt	ctcacttttt	cagtaatatc	60
cgtatcgctt	accgatataa	aaaaattggg	gagccacggc	tgctctcctg	tgtttatgcg	120
cgaatcattc	actcccataa	ttgcgtagcc	tcaactattg	gctcggacga	tatttctggc	180
aaaacaattt	ctttacctgc	ggggaagact	gcgcacatat	cgactactcc	gtaa	234

&lt;210&gt; 4965

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4965

catcaggatg	atcctgggtg	cagtgaaaat	acgaaatcaa	cacgttggta	tcattaccgc	60
cttgccgcag	gaaagctata	tataaacgtc	gaattcgcgc	ctaaatcacc	atgtcagagt	120
gttattatca	cttatcgtat	taataacgat	tacaccgttg	aacaattcgc	ggaattactt	180
caggcgcat	aa					192

&lt;210&gt; 4966

&lt;211&gt; 495

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4966

agctggcctg	ccgactgcac	ctggcggttc	gggcgctatg	tacgatattc	cggggtaaaa	60
atggctgaaa	gtgaaacaga	tggcagcagc	gatgtgatga	tgggcctcgg	cgaatcattc	120
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attgagctac	tgcgccagct	ggggaacaca	tacgagccgc	agcagctcgt	catgggtacg	360
ggtgaagtga	tgggctactg	gacgataacg	gcgctctctg	agaaccagac	atcgtttctc	420
gcgaagggag	cgccaaaagt	gcaggagtgt	tcgttgctcg	ttaaatacta	cggagaaaacg	480
ctgacagcat	cataa					495

&lt;210&gt; 4967

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4967

ttattattga	ggtttaaaat	gacagattca	ttacttgaaa	caatcgaaat	ccctttatct	60
cgtccatattg	aaattgacgg	cgtggcgcat	gataaattaa	ctatgttcga	gccaaaactg	120
cgcgataaaa	ttctctacag	taaagataaa	gggacggagg	atgaaaaaag	cgtcgcgatg	180
attgcacgct	tattaaacgt	aaaggatacg	gacctaata	atttgccatc	ctgtgatttt	240
gcgcgcctgg	aggacgcgtt	taatgaaatg	gtaaaggacc	cagtcgatcg	gaacatgaaa	300
ttgttctcat	aa					312

&lt;210&gt; 4968

&lt;211&gt; 1068

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4968

ggctacgcaa	ttatgggagt	gaatgattcg	cgcataaaca	caggagagca	gccgtggctc	60
cccaattttt	ttatatcggg	aggcgatacg	gatattactg	aaaaagttag	aaagggcctt	120
atcaatatct	cgcttgacga	ttacgggtgg	tcaaacaagc	aaacggatca	gattaaagtc	180
gcgatagtgt	cagaatcgct	gcgtataccg	gccaggggcg	tcaaagttag	cctcgggctt	240
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ctgagcactg	tgcagagcaa	aaagacccgg	agctggaccg	gtaacaccct	cggcgacatt	420
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&lt;210&gt; 4969

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4969

tgtcacagtc	acattagctc	gctcctttcc	atcaagaata	acgtgtatat	cggtttcttt	60
tacgggagac	ggtggttcaa	acgaagattc	atggtggtcg	gcaacccccca	taaattccgg	120
ctcgtttatg	cttcatacgc	gaaacatgaa	cgggacattt	tcttttatta	taaaaggagt	180
ctgagtggtt	tatttttag					198

&lt;210&gt; 4970

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4970

gggttggtcg	cggaaggcca	tagcagttac	ctcatcatca	gaaatataag	atgcatttta	60
aatgcattct	taagtggata	ctataaccct	ttagaggcaa	gggtgaaaac	gagaaaggga	120
tcacaaaaaa	agcatgcttt	taacttgctg	attgaatgca	gaaaagggtc	ttcgaaagtt	180
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&lt;210&gt; 4971

&lt;211&gt; 207

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4971

agaaacagca	ataaacagac	ggcgtttcaa	cggtatatcc	tcaggtcagt	aaaaatcgat	60
gaccttttta	cgggagttct	gatgtcggtt	cctgccttaa	ttgcaaaaaa	atgtgacaga	120
acgcagattt	tttcggaaca	aatctcgcaa	atttcttgcc	tgacgggtgct	ttttgttcgg	180
actgctcacc	ccaatcgttt	accatag				207

&lt;210&gt; 4972

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4972

cgaagagctt	ccgcaacccg	gttcctcagt	acgaagacgt	cgcgtaagac	tgcgtcgggt	60
ggcggctacg	tcttaccgca	cctaaatacc	ccgcaggccc	gcgtaagcga	agcgccatcg	120
ggcaaaaaaa	aagccggaga	catcgccctc	ggcttttttg	taccgcgtat	tcagacaatc	180
tcttgcgcat	actggaacag	cgcttttcagc	agcgccctgt	tctcagcatt	cccttcatac	240
tga						243

&lt;210&gt; 4973

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4973

tcatggaaca	aaaaagtcgg	gcgcgcggca	gagtcagaca	ccagtaatct	catcctgtta	60
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ggcaagaaat	ttgcgagatt	tggtccgaaa	aaatctgcgt	tctgtcacat	ttttttgcaa	180
ttaaggcagg	taacgacatc	agaactcccc	taa			213

&lt;210&gt; 4974

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4974

gcatttataa	tgcaaaaatt	cccgttcaaa	ggcattaatc	tttgccctgaa	tgagggggatt	60
aatggcacat	tagcaacacc	ccgtcgtcgt	aaaaatctcg	tattaagaca	gtttgttgag	120
gacagatatg	aaaaaactgg	tgttgtcact	ttctctggta	ctggcttttt	ccagcgccac	180
cgcggcattc	gcagcaattc	cgcagaaaat	tcgtattgga	actga		225

&lt;210&gt; 4975

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4975

gacaatatgg	agcgcaacgc	ccatcgcttg	acgttgcatc	cacctgcggg	agtaatattg	60
cacctaacat	ggtcggagtt	tattgacttc	gctcaattaa	aatgtcggtt	tgaagccgac	120
tctgcctcag	aaaagcgtaa	atttacagcc	atttactacg	atgcaaccac	catgcaaac	180
ccccaatcaa	aaccactaac	atga				204

&lt;210&gt; 4976

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4976

tttaattgat	taaccgggaa	tatgctgatg	tctgtgaata	ctgaaaccgc	ctccgcgcag	60
gggcagacca	ccgtactgga	aaaagagggc	gtttacgcct	ccctgtttga	aaaaatcaac	120
ctgaccccg	cctccagcct	gggggatatc	aatgcgtttc	tgatgacgc	cgcgctttct	180
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aaatccggtt	accagtgttg	tcgcagtggy	atggcagatg	atgcatgcgc	cagattccgc	300
gcaaatgcag	ctggccgcgt	ccctggctcc	tatacctga			339

&lt;210&gt; 4977

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4977

cggcgcgcat	gcaggtgttt	atggactgca	tccgcaaate	cggttaccag	tggtgtcgca	60
gtgggatggc	agatgatgca	tgcgccagat	tccgcgcaaa	tgcagctggc	cgcgtccctg	120
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ctttccattt	tacctgccgg	gcaacccctg	tcagcagcgc	agctaaagca	gaccgaacag	600
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<210> 4978  
 <211> 324  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4978  
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 gattatctgc gtctaccctt taggggtcag caccctaatac tggaggaaaa gatgagtatt 180  
 ctacttgccc tgcaacgcct gaacacctgg cagtccgac cggtgcccac cgatccgacg 240  
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 ccgattaaat tgtcgcacgt ttag 324

<210> 4979  
 <211> 534  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4979  
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 gaggccgaag tcagggcgtt ttgtgagcgg atggaggatc ttgcgcagca aatcattaca 180  
 tggtttgaag gttctgggtat tgaaatattt ttatctaaaa aacatatcac cgatttaagt 240  
 acggttggct acagccttag tagcgggtata tgtcgttatg ctattacgac gatcattttg 300  
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 ggggtgtgtga cgatgagtat taatgtcccc gatagtctgt cgggggagcg gatattccat 420  
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<210> 4980  
 <211> 309  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4980  
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 gctgtttacc accattgttg ttcttgctct gattgttgcc ggtggtttta ccgctgcact 180  
 gcactgattc aggcggaggg agaaccttct ccctctcttg ccgctattgt tacctctccg 240  
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 acttcttag 309

<210> 4981  
 <211> 231  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4981  
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 ctgggttacg aacttgccgc cagcatcatg ggcattggtg gcggtgtggt tggcggagtt 180  
 ctgggtggcg caatgggctt cctgggcgcg ctgggttgga gctacaacta a 231

<210> 4982  
 <211> 489  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 4982  
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accatttcct	ggaaaaccta	ttctacgggt	gagtcaccg	atatgtcgct	aaccacgctt	180
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ggcaaaagct	acctgattga	ccgaaattac	acgctcatcg	tggaagaagt	cgatggaagc	300
aatatctttt	atattaagga	taaaaagctg	aataaatctg	aagatgatgc	ggcgcgggat	360
ggcgttgtaa	acgaaatggt	acttgataat	atcaacttct	tctatattac	cagcgtaaaa	420
aaacatgcgt	ggttaattaa	ggggctgggtg	ttgcctgtaa	tgatgtgtgt	ggctgtcccg	480
acgtcctga						489

&lt;210&gt; 4983

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4983

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caggccatca	tcggtgggtt	ggatccggtt	gctgccgcta	ttcagggcgc	aagcgcgggc	120
tataacgcgg	gcagccagat	gttaggcgcg	ctgggcggca	ccatcggcgg	cgtattcggc	180
ctggtgggcg	gcttcacgcg	cggtttcttc	agcgcctaa			219

&lt;210&gt; 4984

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4984

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aaggccccca	tggttttccc	ttccagcacc	gtcgcggcgg	gtgcgtcgat	ttttgcgggc	120
tgtgtggaag	agtcacacgc	ggtcaggagt	aaaaaagtcg	ccagaacgct	ggcgcgtaaa	180
aaagtcatat	ccattggtta	ttatcctcat	gccagggcgg	caagagtaca	ctaa	234

&lt;210&gt; 4985

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4985

cggtcccacg	gagtggcaat	ctactcccat	gaaaaatata	tgtcaacgga	cccgggggca	60
gaaagcagca	ttctcagcgc	agcgcaacgc	attattgtga	gctgccgcaa	agaaagcaga	120
aaagcagaag	aaacgcagaa	aggaaagtca	tgccccttct	ctgggggaga	aagggttat	180
gcgggaggaa	ctagcgtgac	aggtagcgcc	gggaaacgcg	ttttgccagt	ttctgtaaca	240
gcgggtccag	agcgaccgcc	agcatcattc	tga			273

&lt;210&gt; 4986

&lt;211&gt; 249

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4986

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tgccaacttt	ttatcttatt	gatttttactc	aatgtgattg	atattttatcc	atccagcggc	120
tattctcacc	tgggtgaatat	cactaaggag	tggttaat	catcatggct	gaatataaag	180
ataatttgct	tggcgaagcc	aacagcttcc	tggaagtgtc	tgaacagggt	tcgcgcctcg	240
cgccgctga						249

&lt;210&gt; 4987

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4987

aaacctttgc	gcccttcaac	agccacttcg	ctcatgtatg	tgcgcgtggt	gccgtattcg	60
ccacccactg	acagccctcg	gaacagacgt	gdcagcaaca	gcaacgccgg	tgcccatggt	120
ccgatttgtg	catatccggg	caagcaggca	atcaccagcg	agccgacgca	catcatgcac	180
acagagatga	gcatggatgt	cttgcgccct	ttcctgtccg	cgatcctgcc	gaacagccat	240
ccgccaatgg	gacgcatcag	gaacccggcg	gcaaaaacgc	ctgcggtttg	cagaagctgc	300
gttgtggtgt	tccctgatgg	gaaaaagata	tgcgcaaagt	ag		342

&lt;210&gt; 4988

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4988

aacaatttta	acaatggtgc	cgctttgact	cgcccccttg	attatcaaca	agattttgcc	60
aatattaatt	ttcggaaca	tcccgaaagg	tatcaggtgg	gccgggggtga	gcaggggcgt	120
ttgatggtcg	agccttataa	aagcgaaatc	cttccacact	ggcggttataa	aaatgctgaa	180
gtcgcagcgc	gttcggcaga	agagatctac	gccctctttg	aagagtaccg	caggaataac	240
gattttgtag	gtatggatat	ggcgcgtaaa	ttcatacaga	tgggatacac	ccgtgcccgg	300
cgatacgcca	atcataaagg	cggaaaaaag	tatgatgaga	agcgccagggt	caaacccttc	360
gatcacgata	cagtaaaagc	agaggccgct	gcggtattca	aaacgtgctg	ggataaaaatt	420
cgtgccgatg	aagattattt	gcagcgaaaa	aaggctcacc	agcaagcgtg	gggataa	477

&lt;210&gt; 4989

&lt;211&gt; 461

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4989

tatagaaaaa	ggaaatgctg	tatgtctgac	aaaaaccatc	atacgacatg	ggaagaattg	60
cttgaggagt	acttcttcgc	ccgaaacctg	cgtgctgcaa	cagaatggag	ctatacgaag	120
gttgtaaagg	ggttcctgaa	attcatgggt	gcaggcaaaa	ctccattaat	ggttactcat	180
catgaaatac	tgagatggcg	gcgacatgta	ctcagagaaa	agcaacaatc	ggcgagacc	240
tggaacaata	aaattgcaca	tctcagggcc	ctctataact	atgogatgga	aagtggttta	300
ttgcctgagg	gtagaaatcc	tttcaacaat	tgcaccgtac	agcgggacag	aaagaaaaag	360
cgcacgttaa	cccgtctctc	gctaaccgcg	ctttatctga	taatgcagca	ggctgaaatt	420
gaatccaaca	gaagtgtctc	ccagcggcag	agatcagcgt	c		461

&lt;210&gt; 4990

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4990

gagttttttt	ccccaaaaac	ccaatttttc	cccttggggg	ggggcctgaa	attaggtccc	60
aaggggtatg	gctgttcgcc	atttaaagtg	gtacgcgagc	tgggtttaga	acgtcgtgag	120
acagttcgtt	ccatatctgc	cgtagggcgt	ggagaattga	gggggggttg	tcctagtacg	180
agaggaccgg	agtggacgca	tactggtgt	tcgggttgtc	atgccaatgg	cactgcccgg	240
tag						243

&lt;210&gt; 4991

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (133)

&lt;400&gt; 4991

ggaataaaag	cgatgccatt	aagcgacaaa	cagctggcag	ctcaaaaaaa	cctgtcctat	60
gtgctggcag	agaaactggc	gcagctgatc	ttagcgggta	aatatgctcc	aggtagcatc	120

ctggccccaa agnccgggaa aagatggagc tgggagatca gtttggcggt agccgtacag	180
ccgttcgcga agcggtaa	198

&lt;210&gt; 4992

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4992

aaaaactcaa ataatgtaat cgccaacgga ggaataatga atgtacatct gaaatatgat	60
acgataaagc actatcactt tgattggcta acgcctgctg gcgactatcc taattcagcg	120
gttatgctcg taggtttccg tgatgggccc tggattattg ttcaagagtt cggaaatgat	180
tatagctgct tcgagggcgt tctgaagaat ggtgatgac ttaatacggg gcctaaattc	240
tattccgact tagaaagcgt agcgggtgct gcttttggca tgatgaagca gatatatccc	300
cagtaccaag atagcacgtt agaagaattc ctgctggat aa	342

&lt;210&gt; 4993

&lt;211&gt; 408

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4993

gaagacaata ccaggtcaga caacaaggct gttagcatga tcgttggaag caacggaagc	60
acctttgaaa aaggtcggca gcactataaa atccatcagc aatgcacaca aataaactac	120
tggtatctta aaatgaaagt gaaagagttg atcgccatgc tgaacgaaag agaccctgag	180
gcaattgttc tgattttccg ctatgaaacg atcgccggca cggaagtcgc agaagctgat	240
ttgctcattg atatgcagtc aatatgctta gaacaggctg ataatctcac aggaaaccgt	300
aaagttgttt cttccggtgg tgaagattca gtttggttag gctggaaaga tgattaccgt	360
acaaagggtgt ttttagaaga tgcccaaatt cctgatcaag atgaatga	408

&lt;210&gt; 4994

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4994

gttaaaatca cctataatca atacctactg gagcagctca tggctgacac ctacctcccc	60
ccgggcttta aaaaatgcaa atcatgtcag caagttaaac cctttgaaca gtttggaaaa	120
gagctcaagg gcaagtttgg cctcaagagt aaatgccgag cgtgtattag cgagaaaaac	180
aaaacgtacg cagcaggccc aggggccgaa gtaagacgc aaaataatag gacctaccag	240
gcagaaaaca agactgagct cgcggagaaa atgcgcgtta agcgtgcgaa agaaaaattt	300
ggtgatcgct ataattccta cctcgcttct ttagagtcca tgaaaaaact caaataa	357

&lt;210&gt; 4995

&lt;211&gt; 1461

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4995

aacatgaagg tcactattga tgggtgtctcg tacgcacctg tctgtaatgc aggggctcgt	60
attggcattg ccataacaac gcataatcgc gctgacgcgt tgaagcgagc tctggcgag	120
catcagcagt ttttaccgca aggggctcgtg gtggctcgtca tagatgatgg ttcaaaacct	180
ccagcggaag ttttcgaaga cgtgcagctg cttcgccatg aaacatcact cggcattgtt	240
gcttcgaaga acgccagttt aaccgcgctg atggacgcgc ggtgtgagca tctattcctt	300
tgggacgatg acgcctggcc catcgctgat aactggcact tgccatacat cgaatcacc	360
gaaccgcacc ttgcttaacca gtttctcgat ctggcaggaa cgaataagct gaaggatatg	420
gcgatcctgt accgggatga taagcacatc gcttacaccg ggcagcgcg gctgatgctg	480
tattaccacc gcagcgctat cgagaaggtt ggcggtttcg atcccgctta ccgtcgccgc	540
atgtacgaac acagcgacct cgccctgcgc atccataatg ctggcctgac gacatgggct	600
tacggtgatg tggtcggttc agaaaagctg atccattctc tcgatgagca tgaagccgta	660
gagcgttcgg taccgcgtcc cgaccgacag gcgctggtgg aacgtaacgt gaagatccac	720

aacgaacggc	gtgatgccgg	gtttactggt	tacgctgaat	accgccagca	gcgcgatgta	780
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tcgcctgaca	tgctgagcaa	atgggcgggc	tcgcttcgcc	agtgtgggcg	tatagcgctg	900
gtggatgaat	tactgacggc	cccggccgat	gttgagctgt	atctcgtacc	tgacgtgaag	960
atgaatgtct	acttccgtcg	ctggctgcac	atctggcagc	acctgcgaga	tcaccctgaa	1020
taccggttcg	tctgggtgtac	tgatggcacc	gatgtcgaaa	tgctccgcgc	accgtgggaa	1080
gaaatgcagc	ccgggactgt	ttacgtcggg	tctgaaccga	agacctacgc	cgacacctgg	1140
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gtgatgctta	acgctggact	gctgggcggt	acacgcgctg	atgtcatggc	gtttgctcac	1260
ggcatcatcc	gtctttacta	ccgcatcgag	agctatcggt	tctggaagaa	agaacaggct	1320
ggcgccgcgg	tgggggacat	gctggcggtt	ggtattgtcg	ctcattcatt	cgcaggaaaa	1380
gtgattaccg	gacctcaggt	gcacaccggt	tttaaaactg	atgggatcgg	aaaagataat	1440
gcctggtgga	aacataaata	g				1461

&lt;210&gt; 4996

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4996

gcgtcgatcc	aactcaatca	attttcctat	caatacgaca	acgaattcct	ttttttaacc	60
tcactcgata	ctccataccg	tttgaagagt	gtagactctg	gacgttgtgc	attgactaat	120
ccattttcaa	tttctttaaa	tgtatggagt	agagtaatgg	gaattctcac	tttcgatata	180
acttgccac	attgcctgag	ggaaaatgca	gtcctggaag	gatggggcca	actgcgaata	240
aacgccggtc	ctttagttaa	tgttgcggtt	agttgtcgaa	gctgctttca	agctgggtata	300
gctatggtga	aaatgaataa	tctgtttggt	ttttcgccct	tgtcaaaatc	caagcagaat	360
aaagatgtaa	atgtaatcat	tcttggaaac	ctggaatatc	agttgattga	cgttttcccg	420
aaacctatca	cgctaagtgc	acctgaccac	acaccatccc	gtgctgctat	ggctttcgta	480
gaagcgaaa	acaacotttg	acgaggacgt	ttcgacacat	ctggttatgt	ttgccgcaaa	540
gtgctggaca	ttgcaacaag	ggaattatta	ggaaatgact	caaaagatga	aaaattggtc	600
aagcgaattt	ctatgttgca	tggcaagggg	ctaattacag	accaaataaa	ggaatgggag	660
catatagtcc	gaattgattc	caatggtgct	gttcattccg	atgaagaatt	ctcaaaaagaa	720
gatgctcagg	agatgattgg	ttttaccgaa	gtattttctc	tatatgcatt	cacattgcct	780
gatatggtag	acaacaagaa	acaaaatcaa	ttaa			813

&lt;210&gt; 4997

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4997

aaaagccgca	caatggcggc	tactgtctgt	atatcagggt	gtaacttcgc	tttaaccggg	60
gttaatgtaa	gcattcagcc	cgctcagtgt	gggacactga	cgcactctgg	cacggaggaa	120
tggctgatta	cctctgataa	ggaaatgaaa	tgtctttttt	gcacaaaaga	atgcatctta	180
atcaaggtga	taccgttggt	gtag				204

&lt;210&gt; 4998

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 4998

acaatgcgat	tttacgcata	ctactgggtc	cttgataaaa	caatgaccaa	cttgccagaa	60
cggcaaaaaga	caccgaaat	cagactaatc	tggacaggag	cgctcacatt	agcaccgatg	120
gagattttcg	caagagccaa	cctttgcgtt	tacaaattag	ttttacttta	taacccattc	180
acattgtcct	ga					192

&lt;210&gt; 4999

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae



<400> 4999  
 ggcaggcatt gtccccggat taaaccgacg caccagcgct gacgtttcag ggtgcttgaa 60  
 acgggggtttg aagagagttt cggtgagatt cgcctgcgtc attgcggtgc ctccatggat 120  
 acgtcatatg aagaccattg taacgcgtgg cagggtaaaa agaacaacgc ccggcataac 180  
 cgggcgtgta aagttacgta ctga 204

<210> 5000

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 5000

tcgcggtcat ccgcatgggc ggatgcggcg cacagcaata cgcagcgct gagtgcgctg 60  
 gcgcaaagca gaggtctgac tgataaccga agcggcttca tgacccatgt gattgaaaaa 120  
 atcgcctttc cctcatggg gagcgattat tccacgatga acagcggtt gccagtcac 180  
 tcttcaggga tttccatacc catcagcgac aacatggttg gcgcgatgtc ggaaagcttg 240  
 ccgccttcca ctgctttcac tgatttatca cccacataa 279

<210> 5001

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 5001

aaaaaccagg acaggagtat acctgtgcgc tgtggcaaat acagccagcg acataaagct 60  
 aatctatttt ctgcggcatg ccacgtaaaa aaagcctcaa aatggcctga gaacagcctt 120  
 gccccgcgc tttctttgat cttctgcgcg tattttatcg attcagctgt agtaaaatta 180  
 cgcaaaattt ttgtctcttg a 201

<210> 5002

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 5002

gtaatatattt acacattgtc gcgttatgga ggtgagatgg agacgttaac cgtacaggca 60  
 tatctgaacg aaacatggac ggatatcgct ctcatcaaat atcctggaag tgaaaaaaat 120  
 gactggaata ccacgcagtt agactatctt actgagtatg cgattaattt tctcgactat 180  
 gatgattttc acgcagtctc agtcaatcac cctgtatcac tcttttttga tgaccatggc 240  
 caaccgggct ggctgcgatt tatcgacgat atcattcccg ccggagcaag ccgccgttac 300  
 tggattaatg cgctcgacat cagtgagtta cccgttggcc agcaaaattt cttattgctg 360  
 aaatttgga caatgtcccc tgtggggaat ttgcgcataa aggaatccgt ccagaatgg 420  
 aataaattcg ccagcactaa aacgtttacg gttgcggacg tcatcgatcg tgcggccgat 480  
 tttctggatt atgcccagga aagaggcgcg gcggcgggtg gtgcaaccgg tgctggcggt 540  
 gaagcgccta aacttttgct gcgctgtagt gaaactgatg ccatctggat cgatacctgg 600  
 caaaacgagc cggataaccg gggaccgcta ttatttggtt aa 642

<210> 5003

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 5003

aggcgcaact tacgcttact gacgttccgt tttttagtaa cgcgtggcaa tccgcatatt 60  
 gttatacatt ttcatatccg gaaatttatt ccccaagaca atgagttaat ttcattgatt 120  
 catgctaatt atgaattgac tgctacactt acttcgacag acatacgcag gagaggcgaa 180  
 tga 183

<210> 5004

<211> 207

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5004

cctgatagcg	gcttcaatca	gctgctggcg	ggctctttga	gcctcttctt	tctttttgcg	60
cgccattacc	tgctactcgt	tacttacaag	attgatacgt	tatcaaagga	tattgccgtg	120
gtcgtgtcag	acaaagtatt	aaccaaatac	cgtgttagtt	ttgcacaaaa	aaagtcaatt	180
cgtttaattt	ataaacctcg	tgaataa				207

&lt;210&gt; 5005

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5005

gcgaagcgcc	atccggcaaa	aaagcctggc	cctcaccgcg	agggcttttt	tatctccgcc	60
ttgctgaaaa	tagcggcgat	cgcagacaaa	atcataaccc	tggattcaca	tgcactctac	120
actctcgaac	tatttttcgct	atggttaggg	ttaagcgttg	ctgctggcac	agtcacggca	180
atataa						186

&lt;210&gt; 5006

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5006

tctgctacca	gtcccattag	aaagcatggt	atcaggggtg	taaggctgaa	ccctaaccaa	60
tcgcgccatt	taccagcggc	tttatcggct	attacggtga	atagcaaatac	aatcaacgct	120
gtgaagattc	ctattatcat	tgtgaagata	gtgaagagca	ttgttagcga	catccaacta	180
acagagccgc	tacagtcccc	caaaaagaga	gacaaaagat	ga		222

&lt;210&gt; 5007

&lt;211&gt; 537

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5007

caaaaagcct	tacggcaacc	tggttgccgt	aagctgcaag	aatgcaataa	ggcttataat	60
atgaaacaac	ttactttcaa	cgacctacgc	aagcaaagcg	cacaagccgc	aaattccccc	120
cgcttacgtg	cccatcataa	tttccaccct	gaattgagcg	acccgggtgca	gcgtctggct	180
attgctatgg	aaccgggaac	ttatgttcgc	cctcatcgcc	acccgcatac	ttttgaactg	240
ctgacatccc	ttaccgggtcg	ctttttggta	ttgaactttg	atgacctggg	taacctgacc	300
cagcgcgtcg	tgttaggtga	ggactgtaaa	gtgctggaga	tggatgcagg	cacctggcat	360
accgtattgt	cactggatga	aggcggcggt	atttttgagg	taaaacacgg	taggtaccag	420
cctgttgctg	atcaagatgc	cgccccatgg	gcccccgccg	aaaacgagcc	gggaactgca	480
gagctgatga	aatggtacac	acaggcgcaa	gtaggtgatg	gcggatatcc	gcggttaa	537

&lt;210&gt; 5008

&lt;211&gt; 393

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5008

gacgaggctt	caatgacaag	tacacttgac	ccatcacaca	agcaaattga	aatgtggcgc	60
agagctaccg	gttccgaagg	tggactcaac	gaataccgca	actgggttct	ggaaaatagt	120
atgagattta	cagcatacgg	tatccatacc	gttatcgctg	aagggtgaggc	gaagcatata	180
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aggctttacg	cagcaaatga	aaaaatttgc	tctggctggc	gtgggttttg	gttgcgtttg	300
ttaggaataa	cactgccatg	cagaaaaccg	gcatacttac	tgggggtaga	tgggaagaat	360
caaaatgatg	ccgtgaaagg	ggctgatttg	taa			393

<210> 5009  
 <211> 366  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5009  
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 ttctctgaac gctcagtaca cttaatcacc tcttgtacaa agggcaagaa tcatcagggc 120  
 cacgtctggc cgacattgga catagatcca aaacaaaccc cggacgacgc agcatatgcc 180  
 tggagtaaca ttgtagacga cgccagaagt aatcaggcgg taccggcatt gtccttgtat 240  
 tcaggtaatc actggtctac ggcaaaggaa attttaaact caaccagaaa tctggagttg 300  
 tggataatct ctgccgggat ggggttttta aatagtcgag atcgggccct tcttatgagg 360  
 ttttga 366

<210> 5010  
 <211> 234  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5010  
 gtatgtcacg ccactaataa tggttatttta acatttattt attcaccgac tatgtctcata 60  
 gtcaggcatg caatacgttc attctcttta tcccgcgcca ccttcaacct catggaggaa 120  
 tgcattgtacg gtttaagcct gattcgcctt ggtttgttta ttgcgctcgc cattatcgcc 180  
 agcacagcaa tcgggtttatt tacctatgtg gtcgtctcgg ccctggcaga atag 234

<210> 5011  
 <211> 972  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5011  
 acaacaatga atgcgacagg gctgaatatc atcaagacgc tgggctgtat gacggcgggt 60  
 acctttttca ccactacaaa cacctgggat cattacgatt atgaactatca ctggatcctc 120  
 gggttttttaa ccttcatttc gaccatcgcc acgccgttgt tttttgtggg tgcagggtat 180  
 ctggacgggc aatcccgaac cggcagcgcg tggcagctgg ataagatcaa acgcctggtg 240  
 atcgtctttc tgttctgggt aacgatttac tacctgtggg aaccctacca gcgcggatat 300  
 ctgatccagc cctggttcgt gttcgcggtt atcgtgattt acacgtttca cccggtgggtg 360  
 gagcggctcg gccagcgacg aatgctcttt tgcgggggtga ttaccgccct gctgcttttc 420  
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 ccgcagtatc gcctgtggac gtggctgctg ttttatctga caggccagct cttttgcgat 540  
 ccgcagatcg cggcgtggat cggccgcaaa aacgtggtca gggccgcggg gattgcgata 600  
 ccgttcattc atctcttcac atggttttac gaacggcact tcttttttgc gctattttaa 660  
 gcagacagaa acgcctttat cctcaccgga tcgcaaattt acattctgat tattgccctg 720  
 gtgattgcgg caaatggcgt gcggtttcgc cgcaatgcgg agtttaaaga gtccgtgctg 780  
 gccgccatta gcaaaacgat gaccgggggtc tatatcatgc actactcggg gtttcacctg 840  
 ctgaccgcgc tcattccggg gacgtccctg agcaccaaac ttgctctgat tgtgcttacg 900  
 tttgttacgt cggtcctggt ttcgctgctg atcctgtcca acacagtggc caaaaaagtg 960  
 atcacctct aa 972

<210> 5012  
 <211> 225  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5012  
 gacacgctac agcggcaata tccgtgcctc ggtatcgtct ctacggtaaa ctatgcaaga 60  
 ttacggttca aaactgatgg ttacgggttt tgacacctta gattaatgac tgagaggatt 120  
 aaaggatatc catggctgaa tggagcggcg aatatatcag cccatacgct gagcacggta 180  
 agaagagtga gcaagtcaag aaaatcacgg tgtccattcc tctga 225

<210> 5013

<211> 354  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5013  
 tcaatggcgg cgcgaacggg ctggataagc gccgcgagct gtttaacctg gcgaaatcag 60  
 ttctggtatg aggtgaatgt gggatcgcag acaataatcg ggctggccgc actggtcatt 120  
 tccgctatcg ccggcgcttt tggcctagcg catattcgcg gcaccagcaa agcagaagcc 180  
 aaagccgacc agcagcgaac cgaagataac gcagcggcaa tggtcgcagc agccgaacgc 240  
 agggtagaaa caacgaaaga ggccagcaat gtacagcaga ctgttaatca tatgcctggc 300  
 gacgatgttg atcgcgagct gcgtgacgaa tggaagcgtc ccggcggtgg ttga 354

<210> 5014  
 <211> 507  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5014  
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 ctccgcatgc agcacaaatt caaagcctat gttgccgggt tcggttcagg taagacgtgg 120  
 gtgggttgtg gcggcatctg taaggggatg tgggagcacc ctaaaatcaa ccagggttat 180  
 ttcgcaccga cgtaccgcga gattcgtgac atcttctacc cgacgattga agaggtggcc 240  
 tttgactggg gcttgaacgt caaaatcaac gaggggaaca aagaggttca cttctacgag 300  
 gggagacgat accgcgggac aacctctgc cgttcgatgg aaaaaccggg ctccgatagtc 360  
 ggcttcaaaa tcggtaacgc gatggtggat gagctggatg tcatggcggc tgctaaagcg 420  
 cagcaggcct ggcgaaaaat catcgcccgt atgcgttaca agatcgacgg gttgcgtaac 480  
 ggtatccctt taactggacc tgggtga 507

<210> 5015  
 <211> 930  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5015  
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 attcttggtg ttactataaa gaaacaaaaa gcgagaacta aaccacaaga aaatatctat 180  
 cactttgtaa aggatatgaa cgcttttggt agtattcttg agtcacgttg tttaatgtcg 240  
 ttaacaggag ggcgatgtta tgccacttca atatttaacc cttaccttgg gctaagcttg 300  
 tttgacactg acaatattaa atatgtttta gttatgaagg ggaaggcaac tgatgtcttc 360  
 aagcctataa tttagcagta tcgggaagtt tttctccctt ggaagtgggt gaagttttt 420  
 agaggtgagt atgtcagtaa ggctctgaaa gatttagagt ttaattgcga tgtcaagtct 480  
 gtgcgtaatg agtacaaaga atacaataga tttgtatgcg gcagtcgaaa gagagtgttc 540  
 ttttggtact tgtacataga caatctgacg gagttagaaa atgatttgag catatataga 600  
 attcaaaaat tccttttttg gattgggtgat atatttcttt cagtcttagg ttggattgga 660  
 attgtatgcg gcaatctgat ttttctcggg ttgtgtggtt gcgaatttgt aaactcttta 720  
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 atatacatat caggtgtttt ttttgctgta tttttaattg catgcttata tttcatcctg 840  
 agaaaaaat caattacctc gcgtgttgca aggcataaga aaaaatacaa atctaactat 900  
 aaatttatgc tttcaatcag tgagaaatga 930

<210> 5016  
 <211> 396  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5016  
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 gccagtgtct acggttttatt gaccgggaca gactacgggtg ttgtttttgg tgcatttgca 120  
 ggcgccgtat tttacatcgc gacagcaact gacctgagta tgttgccgcg gctggcctat 180  
 ttcgtcgtgt cttatatagt cggcattctt ggatatggtc tggttggttc taaactcgcg 240

tcctggacgg	aatatagcga	taaaccgctg	gatgccatcg	gtgccgtgat	tgtctctgcg	300
ctggccgttc	aaatccttac	gttcctgaac	aagcaggaca	tcggctcgct	ggtggcgctg	360
ataacgcgcc	ggggagggtc	aggtggtact	aaatga			396

&lt;210&gt; 5017

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5017

aaacaacgaa	agaggccagc	aatgtacagc	agactgtaa	tcatatgcct	ggcgacgatg	60
ttgatcgga	gctgcgtgac	gaatggaagc	gtcccggcgg	tggttgatac	cggttgatg	120
tgggtgaagc	caatcttcct	gacggatcaa	gacatcgacg	ttctggaccg	ccagacgaag	180
aaagacatcc	tggcgcataa	caaagcatgg	aaagcaaatt	gcgggaaaaa	ttga	234

&lt;210&gt; 5018

&lt;211&gt; 456

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5018

caaccgatga	aaattcactt	tattacaatc	gccttgctgg	cgacgatttc	ttcgccatcc	60
tacgcagcgt	ttcaggaaag	agaatacaat	acttggtatc	aaaaagatgc	tgtactctac	120
gacattaccc	agacctcaga	gggattgcct	gtcatgataa	gcattctctca	accggggagg	180
gagtcagcta	atatgctcgt	atcctatatg	tccgatgggtg	gctgtggaga	tgagaagggtg	240
cggcttaatg	ctaacgggaa	ggatgtgcct	gcaacttata	cttgtgtatc	agtcggagca	300
gacaggattg	aacactttgc	agtgaatgat	gcaagcaagg	tcaatgagat	ggttaaccac	360
ctcaagtcag	atttcacttt	gttgcttcag	aacgatatca	aagtctgggc	tgctaacata	420
aagacgccta	agtatggttt	agcaccaaaa	ttttaa			456

&lt;210&gt; 5019

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5019

ctggacctgg	gtgagcgcca	acacattcac	cagcaccacc	tgccaataac	tcattctgtc	60
tcaaaacaaa	ccccgctccg	gcgggggttt	ttattgcctg	gagaaaatat	gctttataac	120
actggcacca	tcgccattaa	cggaaataca	gccaccggga	ccggcacgaa	ctggacggca	180
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gcgttgagcg	cccagaagta	cggcattctt	gttactgata	gtctctcagt	cgacggcctg	360
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gttcgcctgg	atatgcctga	tgattctgtc	tttaatcagc	ggatgagaca	ggaaccacag	1380
cttgagcctc	attctccagc	tctctga				1407

<210> 5020  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5020  
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 aacggtctgc tatacctgct cgccattacg cgactcgggg cagcatcatt gctgctgcat 120  
 ggccttatgg ctgcagtcaa cccgcttact gtttcaaggt ctttagccca tccaccagtg 180  
 aaaacaatct ga 192

<210> 5021  
 <211> 237  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5021  
 tatcccacgc ttacgcttgt tggtatctgc ctggctgccg ggctatacat gactctgatg 60  
 cggagaatgc caactccggg gaacatcaat aaaaagagca acgaaactga gactcctgta 120  
 gccctcgctg agagggtttt tttttcaaaa aaaagccagc tcggacagaa ctggctgggt 180  
 ctagcagtaa gtaggtatta cttcgcactc atttcgacgt gtaccctatt ccttttag 237

<210> 5022  
 <211> 276  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5022  
 ggaatgttaa gtgtcgggct gatccccatc ttccgcccctc gcgtccacta cattgatatt 60  
 gatctgaact ggggtcgggt cgtcatcatc accatcacccg gccagctctt tgcggagttt 120  
 ttccacctcc agcagccggc ggtcgatttc gatctgctgg agacgctgag cgaactcgct 180  
 atccgccagg ccgagccgct tcattaccgc ttcaaacatt cgctcacggc tgatggctgt 240  
 gatttcgaca ccattcttgc caaccttcac gcctga 276

<210> 5023  
 <211> 228  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5023  
 gtaaaagcta actccatggt aacgaaaaaa atttgcaatc acctctcaat acattatcag 60  
 cattctacag catcaacott attttttggtg agctttttcg aatggcggaac tggctgctat 120  
 gtttcgtcca tgatgtctaa taacaaagag tcacttatta aacaaataag cgagtatgcc 180  
 aggcttaacg agcaggaaga aatccagttg cgcaagataa tcagctga 228

<210> 5024  
 <211> 270  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5024  
 atgccaaacg cctctgatta tttttcctgt aaccatatct tcagttttac cgtgcgaaaa 60  
 gtaggcgatc tggacacagt cattgtgtct aatccaataa tatccctctt tcataattca 120  
 cctcttaaat tgtttcattt agaagtgtat atgacgattc agaacctggg ggtcgacaaa 180  
 acgttttttt taaggatgtg gcgcgggggt cctcccgggt acttatctct ggtcgtaaaa 240  
 gtcgcgtgca tacctgcaca tagcagttaa 270

<210> 5025  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5025  
 aaaaaaatct tttttgagca tcggtttcaa aatgggttttc cttttatgcc cggtgccgcc 60  
 ggggcggtgg cggttaaatac acgccatgta agtaaatata tttataacca tttgattgtc 120  
 aatacaaca aaaaaacaaa ccatgtttat tattttatca acgatgctat tttaaagtcc 180  
 gtctaa 186

<210> 5026

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 5026  
 acagaaatga cgcatactgc cgtttctcag gctaatagtg ctttgcagct acccacggtg 60  
 gagcatgtct acgctcttct gaaagcaaat tgtaaacctg accgctttga cgggctgtgac 120  
 ggaccctgtg ggggccagga atactcgtgg aatctggcaa aagatcgctt acaggatctg 180  
 gagaaatagc gtaaggcata tgtctcccggt catgaagacc gtatggggga aggatttagt 240  
 tttggtcctg acctgttaat tattcgctaa 270

<210> 5027

<211> 2433

<212> DNA

<213> Enterobacter cloacae

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 gttcaggccc cagctcagat atatgaatcg gcctttaaag acacgaacgg tattgagatc 120  
 cagccccgtt cttctcgtct tatgcttaat ccggcatcac cggtaacttt gacacttatt 180  
 tcaggctctg atcgtttcgt taatgtcaaa gtcacgaaag aacttggaac tgtcattctt 240  
 aatactacga ctacacggac ggggtgatca gaccgactaa cagctgctga cggtagtgag 300  
 ttctacggga aaaaagtaac tttgcctgct ttgggtgaag gcaaatttgt cgttcagata 360  
 aacgtgttag atctcaatca gaagcctgta gcgacctata actataactg gctaattgat 420  
 gtcacccctc cagcggcaaa tgctcttacc gctaatactg gttctggctc taccgctggg 480  
 gacgtgtgga agcttggaat agaggcaacg gggcagtatg acttcacctc ttcgggctga 540  
 agtgatgcaa atggtattga taaggcccta atatatattt acaggcagga cggtagcctc 600  
 tacagcacta cacagatgca gtatgacgta tccggccaaa agatgtacca cacttactct 660  
 aagaattcag ttaagggaac cggaaatacca gacagcaacc tggatgaaga ctttactgca 720  
 aaagttgtta tcttcgataa cgcaggtaat agccgaacgc tgccaactca aaaatttcgc 780  
 tacgacaaca cgctgggtga gatgacactg tgggcccgtt atgatccaaa tacgtcttcc 840  
 agcgtcgtac ccgggggttt taattatccg gcttacaag cgggtatggt cgtaaacgaa 900  
 aaccctattc gattagtcta ccggatccca aaatctaact accgtgctta ttcagaagg 960  
 gggcttcagt tcatcaatca atattccgcc ccaaagaga tagctgtaga cagcacttat 1020  
 gcttatgttg aaatgactct tccctatggc tcaattaatg gggatatggc tcgtatggcg 1080  
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 tcatatgacg agactaaca gcagctggat gtactggcgt cacttgaagg cgatggtaac 1560  
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 ggccccacag ctgataacgt tgagcttacg tggctaccgg caggcaaaga tacatactg 1980  
 cctgagtatc ataggtctgt cccaaatttc gaacctctg aaaattattc aattagcgta 2040  
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 aataaccttg tgcagttaca taatctacgc acattatcgg tcagttcgcc tctcaaaacg 2160

acagatggcg	taccccttgc	gtacctgtcc	actaacgttc	tgcgtaagac	aaatggagaa	2220
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aaattttaacg	gggcacaggc	ggctccagggt	gagtcagttg	agggtgcaa	agatatgggc	2340
cagggggata	atcttctgtt	acccgtttat	ccttccgaaa	atgggaaagt	tggcacctca	2400
gaattcatga	ttcagatcga	cgagttgaag	taa			2433

&lt;210&gt; 5028

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt; unsure

&lt;222&gt; (635)

&lt;400&gt; 5028

tataaagcca	acacagaaaa	ggaaaacaaa	atgtataaat	tagtatctcc	tcgtgaactg	60
actgagatta	ttaccgggtt	actgcttaaa	cctgaactcc	ttggtgagct	ggactcacca	120
gaaaagcatc	ggatgtttat	ggcagattta	ggccgcgtgg	tggccgaaca	ttgtggaggt	180
ctggtaaaca	gcgtcgtctt	gccaggaaca	gaagttacag	tgtcggatgg	gttaccgctt	240
aatggccagc	cggtagctta	tctcgggaatc	aaagagaaca	tccctcacct	ccttgtagag	300
cctgatgctt	ccttaccttc	gctcgctaaa	aacgtctgga	tgtatgcaga	tccgaaggc	360
tggaaagaac	atcttgagc	tgaggaagag	tgccttactc	ctgaaatgat	gcagctgttc	420
cgtaaaggta	tccaggctct	tcagaaaagag	catgacaccc	ctgaaattag	cctcacactt	480
caggactggc	gcctggagga	ggaaacactg	ccagaagagg	acagtcaggc	ctatcaggtc	540
agcgttaccg	gccaacataa	catccactgt	gaagttgtta	acaaggaagg	taaccctgt	600
ttaggtgtca	tgttcgaaat	cgatcagggt	gtgcntgcct	tacacatcaa	caccggcggg	660
gatatgttgc	tccacattca	ttgcgcccac	aacggactcg	ttctgacccc	tgatgcaagc	720
ggtcagcgat	ttgataaggc	tcccgttgac	cgcttctctt	ataacagccc	atccctgctg	780
ttgtctgccg	actaa					795

&lt;210&gt; 5029

&lt;211&gt; 612

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5029

tatggtgaagc	acaactggaa	aaatatgttt	tcaaagccta	tgaccacttt	cacaccagaa	60
cgtattgaac	aaatttttga	atctgccgag	ggtagtaacc	caagcgaagc	aatgagtctc	120
agagctgacg	aagttgctgt	actggcacgt	attggaaagg	cagttatgtc	gattgcgcct	180
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ctctataaccg	ccccgcgat	gccttttagt	tcggctgacc	tgettaacat	ggcttcatct	360
gctattgaag	acttgctcac	taacaaagac	agaagtgggtg	cggaatgtg	gaatgacatt	420
ccagaacagc	tacgacgcgc	agcagaactg	gtaatggata	atagccgggc	cgctgaaaca	480
gaagcgatgc	tgatgcgtct	ttatgtagaa	tgtgacacag	gtgagcgag	gggcaacggc	540
actcaatctg	gcgtagcaat	gccttctttg	caaaccgttg	aagaggcacg	tgtgttgcta	600
ggggtgaaat	ga					612

&lt;210&gt; 5030

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5030

gcttttccta	aaggctacta	tgttcgtaaa	agtataaaaa	actttctccat	atggtgctcg	60
aaattacaaa	tctataattt	gcctttcgac	aaaccttatt	gtgcgttcag	gacggaaatc	120
tttctttttg	gaattacata	tgacatttct	gtggtgtcca	aactggcaac	gattgcaaaa	180
cttataacat	tagcctga					198

&lt;210&gt; 5031



<211> 237  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5031  
 gcgacctcgc ttagcgagca ttgcgatggc atgcatgaca tgtttaacgt cagagcgttt 60  
 aaggaatggg ggattcataa cgataacatc aaaagtttca tcgggctggg acccaagaaa 120  
 gtcggtatgc accagctcga ctctgtgtc aaggacacta tcgttcttca ctgcaaggaa 180  
 tcgctcatcg ttcaattcga tcccggtaat caatgcatcc ggagccgcca gttttaa 237

<210> 5032  
 <211> 567  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5032  
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 aaagattttt tttcagctat tgaaaacctt ctcaaagctg gctttcaacc tcgcttttac 120  
 actgttaaca gtggccgaat cgggtctcatt acattcactg ataaaaatgg aacaaaacag 180  
 gtcgaacagg tttattcctg cacttcttta gccgccaata cttttggaaa gcgcttcacc 240  
 acttggttag aagaaatfff tcaaaaagcat aatgaagaaa aagtagctga ttcggggttc 300  
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 cgtgccgggg ggggtgtggt gctggataac ggtgcacagc gtacactgga tgaagtgcaa 420  
 aaaacggcac ctgaaacaaa ccagggtggag ccaaaggaaa tctcttact tccaggagctg 480  
 ctgaacgctt ccaaaaatct ggagccgact tcgctgagc taattgcggc tcttaatgag 540  
 gctctgtcaa ccgccataaa acgggtga 567

<210> 5033  
 <211> 216  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5033  
 ccatgtacaa agatgatgga gaaacaagtg gccaaaaata acaacagtct caaacagcat 60  
 gtcttcaata tgctgtcggc tggcagcgaa cttaaagaag tgaagcgttt tctcaccagc 120  
 aagcgagtta aagcccgcct ggcagtgtca atgatccacg agcagggcat tgctgtgcag 180  
 aacactgaat accagaatta tccggcttat agctaa 216

<210> 5034  
 <211> 726  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5034  
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 ttccggttgg gccagatgtc aatggttatg ctcatccag ctcatcactg tagtcattgc 180  
 cgttcagctg agctgatgct cctctcattc tatgtggcga caacggtagt gagcccagaa 240  
 agtgactacc gttgtcatgg ccgtccagta gagcgggtca acctcttaaa tcacagggtg 300  
 acaacggtat tgagcccaga aagtcactac cgttgtcatg gacgtctggt taagcggatc 360  
 tacctctcaa ttcacagggt gacaatggta gtgagcccag caagtacta ccgttgtcat 420  
 agtcgtcccg ttgagcagat caacctctta acttacagga tgacaacggg agtgagccta 480  
 ttaagtcat accgttgtca ttgccatcca gaagagcgga tgatcctctc aattcatacg 540  
 gcgacaatgg cactgagccc agcaagtcac ttccgttgtc atagccttcc agaagagcag 600  
 atgagcctct taattaacag ggtgacaacg gtagtgagct cattaagtca ttactattgt 660  
 catggccgta cagctgagct gatcatcctc tcaattcaca cgccgacaat ggtagtgagc 720  
 tattaa 726

<210> 5035  
 <211> 432  
 <212> DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5035

atggcgatga	ataaaaaaga	acaagccgcg	tatgatgagc	tggtggcaca	ggccagaata	60
aaccgcgctt	tacgctggtc	tgactatggc	gttgaacgcg	atatgcccgt	accagagggtc	120
tcgggggaat	acaaaaacgg	ctggagcttc	aacaccgcc	ctggcactgt	ttatccgaca	180
tgagcgga	ctacggttca	cggcacacgg	gaagagggag	agggtgtcga	tgcaacctcc	240
cgccgcatgc	gaggcatgaa	tggtagccag	aacggcatac	cacaatacag	caccaaagaa	300
cgcgccctga	aggcattacg	ctgttcgctt	gaaatcaagt	ttgccatgca	gctggatgcc	360
atagataaag	ctatcgcaaa	agaaatagag	ctgtccaccg	ctcgccggga	gagcgataca	420
tcagatgcct	ag					432

## &lt;210&gt; 5036

## &lt;211&gt; 633

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5036

cttttgctgg	atctgccgcc	gtctggtgaa	gacgtaacag	tagatgggct	ggagaacgtc	60
cgtatacagc	tcaccgatgc	tctaactaaa	ccatccttaa	gccgtatgac	tcttcgcgggt	120
ggccctgttt	ctgatgcggg	ggaattgtct	tggtggaatc	tgaggaaaca	cctgtatgca	180
cctaattatc	ccaagatctt	tccgtctctt	aatgaaggcg	aaacatacac	tctcacagtt	240
caggccaaaag	atgagatgaa	caacgttaaa	gaaagctcag	tcgaatttaa	ctaccttcca	300
aacaatctcg	tcaggctaga	gaatctgaaa	accttagctg	tcaatgcttc	tctcaaaaaca	360
tctgacaata	ctcctctggc	tgttctgtat	gccagccagc	tgcgtaaaaa	ggatggttca	420
atcgctacag	ggcttcagga	cgcagtgcct	actgtccgta	aggacgctgc	attcggcggtg	480
actgtaaagt	gtgtttctgc	gatgccaggt	gaaagcaaa	agcttcaact	ggatttgggg	540
ctcggggaca	gccgtagctt	tcctattttc	cctgctgtat	ccggccttac	aggcagatct	600
gagttcatga	ttaacattga	agaattaaaa	taa			633

## &lt;210&gt; 5037

## &lt;211&gt; 294

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5037

agctgtccac	cgctcgccgg	gagagcgata	catcagatgc	ctagcggtaa	accatcaatt	60
caggcccgtg	atcagagggg	ccttaacgcc	ctgaaagagg	cggttccagc	gacggcacaa	120
ctacagatgc	gggttacccc	tgaacgtaaa	ctgcgttacg	tcaatcaggc	aaaggccgaa	180
ggtctgggtc	taacagactg	ggtccaaaag	catatggata	acgtgtgtga	tctggcaggc	240
cagcctgaaa	taaccatgta	caaagatgat	ggagaaacaa	gtggccaaaa	ataa	294

## &lt;210&gt; 5038

## &lt;211&gt; 228

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5038

ccgttacgaa	ctgttacctc	attacaattt	attaagtga	tctatatatta	taagcccga	60
acgctgaaga	gcatcgtagg	tatttttctt	ttcagctggt	ctgttgataa	caagatcgtg	120
gtcaagagac	agtattttct	cgctcgaaatt	gcgcaaaacc	tcgtctatatt	ttcctacgaa	180
ttccttgtgc	tgtggcctgt	ctatatcccc	agggatcaaa	gacttttag		228

## &lt;210&gt; 5039

## &lt;211&gt; 327

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5039

atccacttaa	taaattgtaa	tgaggtaaca	gttcgtaacg	gtcaaagaga	ggtgtgggaa	60
atgagaatgt	tgctgtttt	gcctgatgaa	tccttgttca	gccgggtttt	tcggacaact	120

accgtgtacg	gatatgtcccc	atctttctctg	ttaacgatca	ttttcaacaa	acctgatatg	180
aacgtccatc	caatttctcaa	ttcaggatta	aaggctatct	ctcttcatac	atccgaaagt	240
gcagatcagc	tctggcatga	acagacttta	ctccctcttt	ttgcctgggc	actaccaatc	300
agtcgtaatg	agatcctgga	cttcaac				327

&lt;210&gt; 5040

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5040

tcgctgtcat	cggggataac	gccgcggctg	accaccacgg	acagcccgt	ttcgtcatcg	60
cgaatgatgt	tcattgctgt	gtcctgccag	gcggcaggaa	aaagggtaaa	ggaaccttcc	120
tggaggggtg	atttcataag	tgaactcggg	atgattttatt	cgaaaaataa	aattaaaagc	180
gctaaaaattt	ataccgccaa	tattaattac	tgcttagcga	ctcagagaaa	tatgatcatt	240
agaacgttag	cactttcttt	ttttccgcaa	aaactttag			279

&lt;210&gt; 5041

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5041

ctcctggttt	attggcttgt	ggatatgttc	tcgtccaacc	tttggatgtc	aaaatattat	60
gaacatcagc	gggttttttc	cctgttaatc	tatccaccca	tctttgtgtt	atacgatctt	120
tttgagaaaa	accacatttt	aacccccacg	gatccaccca	ccccagcgca	ttcggcgcat	180
actggtaaag	gttaa					195

&lt;210&gt; 5042

&lt;211&gt; 549

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5042

cttctggcac	tgagattcgt	ccatagtggg	ataaagatta	tgctcaaccg	aattaccgtc	60
cagctcccgg	ttgagggggt	gcttttctgg	aaactctccg	gccgcgaggg	gatgtccgag	120
tcgttcgcgc	tgacgctgac	cgtgctcggc	acagacgcgc	gcatcgaccg	cagcaggctg	180
ctcggccagc	cggtcacggg	gaccatcccc	acgcagaatc	tgctgacctc	ccgctatggt	240
aacggcaaga	ttacccgcgt	ggcgggtgagc	gccgtggagc	tgacggggcac	ccgctatgct	300
gtgtaccagc	tgacgggtgga	gccggacgtg	tggccgatga	aacgcgaccg	taacctgcgt	360
atcttccaac	gcccaaacgg	tacgcagatt	gtcaaaaacc	tgctgggtga	gcatacaagt	420
aaacctccaa	aaacaactca	ccggcagcta	ccgggtgtgg	gactactgcg	tgacgtatca	480
ggagtcgagc	ctggacttca	tcagccgcct	gatggagctg	gaggggattg	cgtactactt	540
ccgccatga						549

&lt;210&gt; 5043

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5043

atcatcccga	gttcaattat	gaaatacacc	ctccaggaag	gttcctttac	cctttttcct	60
gccgcctggc	aggacaacag	catgaacatc	attcgcgatg	acgaaagcgg	gctgtccgtg	120
gtggtcagcc	gcggcggtat	ccccgatgac	agcgactacg	aacaagagtt	tcaccgccag	180
tgggacgtgc	tgcgtcctca	gatgggggaa	attgcacaga	gcgaatttca	gcacgtaaaa	240
gccggggccag	acggaaaacat	tagcggactg	gaagttgaga	ccacctttga	ccgtaacggc	300
cagcgctgtg	ggcaaaaaa	gctggccgtg	cagacgccgg	gcaaaccggg	actgatgatt	360
tttaccctct	cggccttaaa	agcctttacg	gaagaggacg	aggcgcgctg	gagcgcactg	420
aagcagagtc	tgacgctaaa	cgacaaccgg	aatgtgttaa			459

&lt;210&gt; 5044

&lt;211&gt; 528

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5044

ccgattcacc	tgtttatggt	gacggagttt	tacttaatgg	gggggtataa	aatgattgat	60
tttaatgctg	atattttatc	aggaagagca	ctaggtaacg	tttttttggg	ggataaatatc	120
agtaagtaca	taagcgagtt	atatgctggc	tataaggtaa	cttactttga	ttattttcttg	180
cctgatgata	agaaaaggct	tgcataatatt	gtagatgaca	caatgacaat	cgctaccctt	240
gaagatggaa	cgatcatttc	tattggttgt	aacgtaaact	ataaggggag	gtataataaaa	300
atattacaaa	caggccaaac	gatgggggaa	ataataggg	tgacttacaa	acagcgtata	360
tttaatggct	gtattattat	aaatgacgac	tttggttttt	cattcgagtt	gccagcgcca	420
tatgatgaaa	ttgcagatag	cattgcacat	gttccactag	atcttgttct	taatgaaatc	480
cgtgttgctg	attactctga	ttggaaccca	caaaaaataa	aacgctga		528

&lt;210&gt; 5045

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5045

attataatga	ttactatgga	ggattctatg	gaaagtagga	tgattaaagc	tacattcctc	60
attgttcttc	cactattttc	aatatattacc	tatgcagggc	ataataaaat	gaatcaagat	120
tcgttgtggc	aaatgattaa	agaaatgaaa	tcagtgtggg	gtaaacaagt	tgaggatgtc	180
agtaaaactgt	ttaaccaacc	gctgattaat	aatacacagg	agaaagaaga	ccgttatact	240
tcagctccct	ttacgttaac	tgatggcaca	cggatcagta	atgtggatgt	tcgtttatgg	300
ggaaatggtg	ataacagcgt	atctttgggt	tctttcgtag	ttaatcaacc	atgtattact	360
cttgatcaag	tcaaattctca	ttttccggat	ctaaaattgt	ctaatatccc	tcgcggaaac	420
acgccgggac	aatcagtttg	atatcgccacc	cctaccgatg	aacgcgggct	ggcatgggca	480
tttagctttc	cagttctgaa	tcaggaatgc	ctgggcaggg	tagttatgtc	acgctacgaa	540
caataa						546

&lt;210&gt; 5046

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5046

aatacccagc	gcccgtcgca	gcgccgctgg	gattactact	accgcaataa	cttgggtgcgc	60
gaagagcggg	acgataaccc	gttcaaatgg	taccgctggc	agtacgacag	acagtgccgg	120
gcgtctcctg	gttcaggacg	gcacgctggc	cggagaggag	caggggggtct	gggatgcagc	180
cgctaa						186

&lt;210&gt; 5047

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5047

cggccaaacc	cgaggaaccg	caaaaaaccg	cagacgcagg	tcagcttccg	ctacgatccg	60
ctcggtcgcc	gcatacagtaa	aacgcgacgc	cagaagctgg	gcggacagcc	aaccggcaag	120
ccatcaccac	ccggtgtgtc	tgggaatgac	tgccactagg	gggaagcgca	cggggatgtg	180
ctgttcacct	acgtcgacga	aagtggtcag	gacaactacg	atttgctggc	gcgtgtagat	240
agtgttgatg	cttcataat	cttctgggtc	cattgccaat	ccaacggcac	ggcacaactt	300
ataactgata	tctaa					315

&lt;210&gt; 5048

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 5048  
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 aagatcatgc aaacagtaga tctgctaatt tcacatagtc aaatattgtt acgatccaga 120  
 gactatgacg aaaagctgag tcagtgggga aaaggtaatg tttctcaagg cgctgtttta 180  
 cacaaggatt atgctgtatt cgttcttcta ccacagggga cgggcatccg cgcaatgcaa 240  
 tgcgaa 246

<210> 5049

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 5049  
 ttaccctttt gggtaaatag ccttggtgga ccggtaaacc gggaggaaac ggggttggtt 60  
 cgggaaattt tcatgaaggc gcgtgaatca gttattccgt ttccaatagg aataaagggg 120  
 ttattatttc agtgggaaat gaggcctgta tttgccctgc cggataagtt agggggcatt 180  
 cagaattcat ttattgagct gatgaatgtc tacgcggaaa aaactgggtc tgaccaatac 240  
 caccttttaa 249

<210> 5050

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 5050  
 aactgatgg gctttttaag acgctgggtc aaatctcagg ctcagttttt cttctggacc 60  
 tatgtccga tcatectcac gttcattttt ggctatgtcc ttgacgttta cttccctgag 120  
 gttagccagg gattcatcct cctgttttac ctggtaacac tgggactggc ttactggata 180  
 tggcattga 189

<210> 5051

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 5051  
 ttgatagggt gctggacggg gaggcgccgt ttaattgatt ccgtgcgctc tgggtgccctc 60  
 atcctaacc tctcccacag ggctgaggggt tccccacaaa ataatgcctg cacagacggc 120  
 cccctctccc ttgagggaga gggctgggggt gagggggaac atacggctct ggtggtcatt 180  
 ccgttcactt tatgttcctt gctactctgt cagacatga ccggtgaacg tgccagggtg 240  
 gtcagtcgc caccaccctg gcgaccggg cttccggcg aaaatcgccg cttcgcggtg 300  
 ccttcggcctt attccttcg gcttatcggtg gacgggcgga ggtaa 345

<210> 5052

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 5052  
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 aagttaccga caaataagac aaaacgcctt taccgtttgc ctgcccgtt ttatggttat 120  
 cagcttttcg tgctgatcgt ccttgcgctg ctttttacct ggctttcgcg cgatgaatcg 180  
 cttgaccgat ggatcacggg cttctggtat gacgcggcga cgcattcatt cccgctacag 240  
 caaaatccgc tgctggatct gctcaaccat cggctggcga aatatgtggc cattgccctg 300  
 gccgtcatcg cgctggttta cgggacttac agacgcaatg cccggctggt gacagccgcg 360  
 cttctgatgg gtctgggcgc gctcgttgta ggagccctga aaagcatgag ccaccacagc 420  
 tgtccgtggg atctggtgga gtatggcggc aaagctgtct cgtatcccct gttcagcgcg 480  
 attccggcag acagcggacc gggacgctgc tttcccgcg gccacgcctc aagcgggttt 540  
 atggtgatgg ggctgttttt tgccttctgg cgtgaacgtc cagcctggc ctggaccctt 600  
 gtcgcgttgg gcgttggtat ggggctgctg atgggattcg ggcaggtcat gcgcggcgcg 660  
 cattttttct ctcaaacct gtgggcccgg tggtgggtct ggttttccca ggtgctggtt 720

tacgggctgg tttccgctg gtttgctaaa gagtaa

756

<210> 5053

<211> 726

<212> DNA

<213> *Enterobacter cloacae*

<400> 5053

agtgcgaggt	cagtaagcat	gtaccattct	gaagagatca	tccgccagct	tcagagccaa	60
aagatactgg	caatgaagct	ggaccgggcy	gtacgtgatg	taggtgaaga	ggtaaagagc	120
cacctgaata	atataggtgc	cggtgcccaa	cgctgctgt	actacacctc	ctgctttact	180
gatgaatatt	acgatgtatg	cacccgacaa	aacctggagg	acgctcgatt	ccgaaagggc	240
atattccatc	tcattttctcg	ctggaacatc	gtctttgacc	taatcaacac	gtacgtagag	300
gagctggtta	aggattattc	cccggcagaa	ttatcagcga	tacagcatgc	tctaattgcy	360
gctaacgttt	atatatccac	cagcacgcta	acctcgtatt	cattctctgc	aggcgtcgca	420
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acgggcgcgg	ctattggagg	gctggggata	tacggggttg	tgcaaaaagc	tgctgacagc	540
gctcatcgcc	tgcaagtgat	gcatcccgcc	tactatcaag	cgttatacct	gcaagaactg	600
gagatgatgt	atttccctgg	ggagcctgct	ttatgcygcy	cgggcgtgct	aaccagcaa	660
tggactgaca	gtcaaagccc	ttatgatgct	gctgacacga	tcctgaagct	aatgggtaga	720
cactga						726

<210> 5054

<211> 1917

<212> DNA

<213> *Enterobacter cloacae*

<400> 5054

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ctttcgtttg	atgatgcaaa	tgcaacggta	gtagtaacgg	acagcaaatc	taaccatccg	180
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ccggatttta	acgtaacggg	gaaactgaac	ctgggtgaagg	gaaaatacgc	cagcatcggc	360
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gactcgttct	tcctcctgcc	agacaaaacc	attgtgaata	cttacgctta	tgaagccacc	540
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ggtttcttta	cccccttactc	cgagcaggat	gtcattgggc	ggatggacga	atggataaaa	780
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acctgaaaag	ccgtgtacgg	cagtaattcg	accgtaccag	aggagtataa	aaacgctgtg	1860
gtaattacgc	tgcaaccgct	ggaaacgctg	gtgtttgagg	cgatgccggg	gaaatag	1917

<210> 5055  
 <211> 296  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5055  
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 ctggtgctgg gggccgcacg cgtctggctg ttcccgcacg cggatggcgc tatcgacaac 120  
 acgctgatgt ggggtgattgc gatggcggtg gccggttgcc tgttcgtgat cccaaccgcg 180  
 gcggagatcc cgattattca gaccatgatg atggccggtg tggggaccgc accagcgctg 240  
 gcgctgctca tcacgctgcc ggcggtgagc ctgccgtcgc ttatcatgct gcgtaa 296

<210> 5056  
 <211> 372  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5056  
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 tgtcatcgct gcacgcgaga tcgcgtccgg aagggtctcc gccgcggcaa tctgcgtttg 180  
 aatgctttct gtgaagcaca ctttaattcg ttcgagcagc gtatcccttt aaaatcttat 240  
 ttatgcgtct tcgccaaacg cgtttttaag ccagtcgacg gcatttcggt tgaaggctac 300  
 cacatcgaaa cggcaatcca cagtatcaaa actccatta tggcggggcaa gccacaagtg 360  
 ggcagtctgt aa 372

<210> 5057  
 <211> 405  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5057  
 gtggataacg tactgcatca gcatagctgg aaacgcgcag cggcattgac cgcgctgttt 60  
 gcgacccctg tgatcgctcg ggcgcgcgtg atctccgtct cgctgcaaaa agatcccatg 120  
 agcgccatgc cgggcatgca ccacgacatg agcatgatgt cgggtggacga gcatcatggt 180  
 gatatgccgc attctatgcc agttgacatg gctgaagcat gcggctactg cgtgctgtta 240  
 gcgcatgtac cgggcgtgat gctggcgctt atcgttctgc tcagcgctggg gttgcagcgg 300  
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<210> 5058  
 <211> 279  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5058  
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 agctggaatt tattagtaag acgatccaga cgcataactc ctcccataac aggtcaaatt 120  
 tgctactgga gattaaatga ggtcatccct caattattca aggttaataa cctgaattat 180  
 gtgaaaagaa aacggcgctg accggatcgt cttgattctt taggttatat cagccaaatg 240  
 aaacttgcca tacggcctgt cgtcttctgc cggcgatag 279

<210> 5059  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5059  
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 gaaggggtag tacatgaact ctctggatt cccggtgtgc aaaccgggag gggattatgt 120  
 gcgatccgc cgggaaaggg aattgacctg tggcaaaaaa agccacgtaa aacgcaatcg 180

tttacttatac	ggttcgcttc	ttatgcattt	ttctgcattc	atcctgagga	taaatacattt	240
agtggataaa	ccacgcaatg	tcacactcct	gaaaattggt	atgaatgtta	g	291

&lt;210&gt; 5060

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5060

tcgggggttca	ataaatcact	aaacagggta	tactccggag	ttgtttattg	tactaaacgc	60
tcccgtgaga	ggatgctaca	gcgcacctat	gactcaattc	gcttctccgg	ttctgcatac	120
gttgctggat	accgacgcgt	acaagctgca	tatgcagcaa	gccgtgtttc	accactatca	180
tga						183

&lt;210&gt; 5061

&lt;211&gt; 381

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5061

acaagcctgg	gaacagggtg	gagtactgta	atgcaggta	cggaaactgac	ggatgacgcc	60
gtggttgagc	tggccccgga	aggcggcgtc	gcctttattc	ctaagctgag	cggtcagcgc	120
acgatcgccc	tctccacgct	caacgaggcg	cagcgtcagc	gcgtggtgaa	tattctggaa	180
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cgctattttc	gcattcagat	aatctggacc	cggcacaatc	aggcgagta	taccgatatt	300
attgtgctgg	ttccggagca	ggaagcgccg	gaatcgctga	tcgagctatg	gcaaaaagga	360
gaaggctgcg	tgtgcgatta	a				381

&lt;210&gt; 5062

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5062

cggttcatca	agggaatact	ccgggtcgtat	atccacgacc	acacccaaat	atccgagcaa	60
ggtgtggcgg	acctgctggc	cgataccgaa	tttgctggca	atcatagtca	cctcccggga	120
aacattacat	acacactatg	tgcgggcaat	atttctcttt	tcaagttaca	tgacgcgaca	180
ggcaaaccct	ttcagataca	gcccttccgg	gtaggtagcg	atcaccgggt	gatcggcggc	240
ctgacggaac	tgctctataa	attgtacatc	acgaccgcga	tctattgcgg	catcggcgat	300
gattttttgg	aataa					315

&lt;210&gt; 5063

&lt;211&gt; 852

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5063

tttccccttc	gtgacagcga	tcataaatcc	agcatcccga	tcttttcttt	ggaaccgggt	60
ccatctagcg	taatactatc	gattacgctc	tggagtcagg	aaatgagcag	gaaaattatg	120
gtggtcaccg	ccgcgtatgg	tgcggatcag	gtgcgacagg	caggcggtca	acgggcaatg	180
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ccgcgctacc	ttagcgaagc	cagcgcaactg	aacgcgctgt	ggcttaaagt	ttcgctgggt	420
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acgctggtgg	tggaaaaacga	ccagaccgac	tgcgggcagc	tcgcgccgat	gcagcgcttc	540
aaagccgcgt	gccgggtaat	ggcgctgccg	gtcacactga	cgttcgatat	gggcaactgg	600
ctgtgggttg	gcgactcccc	ggaagagggt	gcacgtcagc	tggctcccg	cgtgagctat	660
attcatgtca	aggccgcagt	ccgcataaag	gcgcagttcc	gcgcgcgcgc	gccggatcag	720
accgattctc	gctggcggga	tctgcttaat	caactgcctg	ccgaocgcgc	gcgcgggtatc	780
gaatttccgc	tcgaagggac	ggatctcacc	gccgtcacc	gccattacgt	caacctgctg	840



cgcgaggagt aa

852

&lt;210&gt; 5064

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5064

atgacaagcg	ttattttcat	caagcataaa	aaaacccgc	cgaagcgggg	gtttttctta	60
ttccgtagca	gcgaccgctg	cgctccaggc	ctggctaaag	gcctgatgct	gggacgcgag	120
cggaccgatc	agcgcgttat	actggctcgc	ctgctgggag	gtcgggaact	ggataccggt	180
agagacaaag	ctcacctgcg	taccttggtc	actaataaag	tcacccacct	ggaccaactg	240
ctgagtaaag	acctgcgcgc	ccgggatcag	cggttgcaaa	gcgtttga		288

&lt;210&gt; 5065

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5065

ggtggcacia	tgaacgacgc	aattatcacg	gacaatgagc	gtattaacat	tgaaccaaaa	60
gatgtaatgg	taaaagggtc	aaataaaaaa	caaggcgtaa	acgctcaaac	ttctactcaa	120
cgtagaccag	agcaccaggg	tatggccaaa	gttattatta	accccggcac	cccagacttt	180
aaaccggtttt	taactgccag	aaatggagca	gtcatcagag	gttttgatga	tgtgagtatc	240
gctatttctt	ctctctttta	aacggttgat	gcagttaaac	atcctgacct	tgttcagggt	300
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gcttatatta	agtcaattga	gttcgacaag	aatgactcat	tcatgtcatc	aactcagttt	420
gtacctttca	gttttgaaac	agtacaactc	aacttcaata	accacaacac	catgaggttt	480
tacaagtaca	tcttcgagat	gaaccagctc	atgaacacaa	tgtatgagta	caactcattg	540
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ttatatgttg	agaatgtgaa	aaagactctg	aatgtttctc	gccgtaagga	tgggccatac	660
agtcacgacg	agttcatcac	caaagtaatg	caatataaaa	gtgtgcaggc	atacattgca	720
gccgaactgt	caggcaaacg	tcgataa				747

&lt;210&gt; 5066

&lt;211&gt; 924

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5066

ggtatgatga	tgaatttcag	ggcgctgtat	ttatgtatta	aacggatttt	ggggatattc	60
tcattctcagg	agaatgatgc	aacctctgta	atgattgagg	atatatcaag	cctctctcct	120
tttgccgaga	ttctaggaga	tcagaagtac	actgttcttg	atcatccaaa	tccagaagtc	180
ctgaaattca	tcgagtatcc	aactcgtccg	acgggcatac	agacatttaa	tgaacagtca	240
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agcgacatca	gggacgatgc	atatacattt	actaatttag	ttttaaagcc	cttggttgaa	360
tatgttcgct	ggatacatct	tttgccagct	tccgaaaatc	atcatcataa	tggtattggt	420
gggttacttt	ctcacagcct	ggaagtggcc	atactctctt	taaaaaatgc	gcactactca	480
gaactgagac	caatcgata	tcaagatgaa	gaagtatgcc	gtagaaaagt	atatctctat	540
gctgcgttta	tctgtggttt	agtcocatgat	gccggaaagg	tttacgatct	cgacattgta	600
agcctgaatt	tagctagtcc	gatcatttgg	acgccaaagct	cacaaagtct	tcttgactgg	660
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actgatggga	atgacttttt	gtctaaatgc	gtgaggaccg	ctgattttcta	ttctactggg	900
acagacctta	atgttttacg	ttga				924

&lt;210&gt; 5067

&lt;211&gt; 624

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 5067  
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agagcattca aaaatcttct gttcgtgaaa aaaaacggaa atttctctcg gtatagtaat 120  
ttcacatcag gaggcgtcat gagtaattca aatcttataa gttctataga gctaacacgt 180  
aaaaatttac gtgctcagat tgaaggtttg cgtgttgagg ctgaagatct cattacaaaa 240  
tactggatca agtggaagga acgaaaccac caagagatta accttaccg acatagcaaa 300  
gttccaaaga gggagtagct gggttcttac gcacccaaaag ttgagctaata tggtaatgcc 360  
agaaaagtaa cgatcacttg gcatcagttc agcccttata aaacaagagc gcctagccac 420  
atgtcaaaac ggggtgcaacc aatgaaaagt ggaaaatatt ctaagaactg ttttgtaaac 480  
catgccagct ggggaatacga aatgattttct gaaacggaag cattgctgga gccttacaga 540  
gaaatgcttg agctctatca ttcagcatat atcgaacttg gacgaaaaat ccgtcaatac 600  
tcaaaaacta aggtggcaca atga 624

<210> 5068  
<211> 183  
<212> DNA  
<213> Enterobacter cloacae

<400> 5068  
cttaatatata gcaacaagat tttctttcat cttattgttt tcttcatgca gctcgttgaa 60  
ccaatcctga atagcctgaa caaggtcagg atgtttaact gcatcaaccg ttttaaagag 120  
agaggaaata gcgatactca catcatcaaa acctctgatg actgctccat ttctggcagt 180  
taa 183

<210> 5069  
<211> 192  
<212> DNA  
<213> Enterobacter cloacae

<400> 5069  
tcgagcaaaa tctcaatcgc attcggcacc ctcagtaagg ttaaaggcag gagtggttatt 60  
gatactcgtt gtgaagaggt aatgaaaccc cctgcaattt ttaacaaatc tttcttcgat 120  
tccaaatcaa aaagtaaatt attgactttt ataacgtcat tatctgattt agcattcaag 180  
acaaaagaat ga 192

<210> 5070  
<211> 336  
<212> DNA  
<213> Enterobacter cloacae

<400> 5070  
ctggagcagt ttcaaagagt atcgtgtgtt gcgttcccct ggctgttccc gattactgtt 60  
tgccgcgtca ataagtcgct ctggggggaa atagtgtgta gtgcagatgc ctttaaatgca 120  
gatgatcaat ggtacgacgt ggtcagaagg gccgataatg cagttatcta tagcttcccg 180  
gcggaaggga gatatctggt ttatcgagta aatggaatag tttcattacg acccttactc 240  
gaagaggaag aaatcttcac tcttaacggg tttatgcaat ttgcaaaacg gcttgggtag 300  
cgaattacac caccgtctga tatcattctt tcatag 336

<210> 5071  
<211> 621  
<212> DNA  
<213> Enterobacter cloacae

<400> 5071  
tgcgccacgg agagaaccat ggcgctagaa ttacaactta tcaaacacca ctcaggaata 60  
ctgatcccgg caacccccga gaccagcgat atcctgcaat ccaaaacccg gctcggcgat 120  
gttcttgttg ccgaattcag gcgggttcgc aagccggcat tccatcgacg ctttttcgag 180  
cttcttaatc tcggatttga atactgggag ccaaccggcg gggcgatctc aagtaacgag 240  
cgtaagctga ttactggcta cgccaagttg ctggcttcgt atggtggtaa tgagggggcg 300  
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atcagcctct	gtaaatecct	cgatgcttac	cgctcctggg	tgatcgtcga	ggcagggcac	420
tttcatgcc	ttcagctgcc	agacggaaca	ctcaagaagc	atcctcgtag	catctcgttt	480
gccaatatgg	acgaattcga	gtttcagcaa	ctctataaag	ctgcgctcga	tgctcctctgg	540
cgctgggtcc	tgtcccgttc	attccgcagt	cgtgatgagg	ccgagaatgt	cgccgcgcag	600
ctgcttggtc	tcgcggggtg	a				621

&lt;210&gt; 5072

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5072

gcggaggggc	gattcagcag	gacattttctc	cagagtgtcc	aaccagcgcg	cggaaatgaa	60
tgctgtgata	atttccaccg	ggaggcacc	ggcaccactc	cctcagttat	tgccaactta	120
gctatttatg	cctgcttttc	cgagcaggct	tttttttcat	ttattaatca	tccatttgac	180
ctgctccccg	ttgattag					198

&lt;210&gt; 5073

&lt;211&gt; 189

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5073

aagcagatgg	cagggcatag	tgaggaaatg	gtctgttatg	agcgagaagc	ggactctacc	60
gtggatttta	tcaacactca	gggtttgctt	ttaaaaattg	ttatccagtt	ttactgcatg	120
aggtatccca	taattgtcct	accgttttac	tcattttattg	tctcttttat	ctatgacatc	180
aatggttaa						189

&lt;210&gt; 5074

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5074

atatacatat	tcgcgatctt	atcaagagtg	gcatgtccgt	cgaaaagatt	gtattgtgcc	60
tgttctggcg	agaaccttcc	tattttattc	tccgatata	gagcaagctt	gcccttttca	120
tggcggaag	aagttaccgc	tgttagtga	acacatgctt	ccgatgaagc	atattccgca	180
gcgctttctg	tattcgggtg	aaaagatttg	gttgaactta	ccattgttat	tgccaccatg	240
aatgccatta	atcgtatggg	tattagtttt	cgaatgaagc	cgcttgctaa	agcttga	297

&lt;210&gt; 5075

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5075

gcgagtttga	aatcgccacc	actggcggtt	aagaggcatc	tcataaaact	acgtatcaca	60
agagcaatcg	gcctcagcaa	gttctcgcca	cgttgggtta	aggttatctg	tttacgggtg	120
actaaaaacg	atattgagcg	ctccctcaac	gctcttctgg	ccacaatcga	tgaatctgaa	180
cttaccctcg	agcaagtcaa	agcattaagg	gaatgcattg	acagaattaa	catcgcaagg	240
gggaagggtg	tgcaggcggtg	a				261

&lt;210&gt; 5076

&lt;211&gt; 822

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5076

tggcgcaagg	acaatcagca	cacgtcagaa	tctgataatt	taagtcgtag	cttactcggt	60
aaacttttcc	gcagtgagat	ttcgcttatt	agtagttacc	gtgcatgttt	aatgttattg	120
cttgtgcatg	gatattctgc	atatcaaaact	gggactcctc	ttctccagcg	tcgcctattt	180

gggaaaggat	ttagtacagc	cgctgattta	gcttttgaag	tggaaacacg	tccaggtagt	240
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tacgatgccg	gtgaaaaagt	gacttttctg	aatggtacag	tggatatcta	taatcccaag	420
aagattcatg	agttgcgttc	taaatgtggt	gatatacaga	atgactactt	tatgcagggtg	480
ttctttatct	caatgctcgc	accagagttt	gtaagtattt	tctttgggtt	aaaaccaact	540
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acgaaagttt	ttgcctgggc	ttatgaattg	tctgctgaca	tccggttagg	aaaagttagt	720
gatgatttga	tggaaactatt	acgttatgac	actatgttca	ccagtcaccg	tcaggatgtg	780
ttcaacactt	taacaaataa	agttatgtta	aaggattatt	ga		822

&lt;210&gt; 5077

&lt;211&gt; 453

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5077

ggcaataaaa	tgaaaaaatt	aatgatgtta	gtcataagtg	gtaccgtgct	tgcaggttgt	60
gtctcgccctg	cgcacgccat	aaacgcccat	tatcgcgctc	aattagagcg	ttcgggatgc	120
acgcaaatta	gcgctggcaa	tggctcttgc	gatgtcagca	aaaccaaagc	ggaaaacacg	180
gcacaacacg	aaccaacggc	atccgttcac	gatcccctgc	gtgaagcctc	gttctcgtcg	240
gatacggtta	acgccacgct	ttctaacggc	tttttttagcg	ctaccgtgaa	cggcaaaaaa	300
gccagcgtta	aacgtctgaa	tgcgaatttc	tatgagatcc	atggtaacgg	ttttgtgata	360
tcgataagcc	tggatgaaaa	cggatttacg	gacgcgtcat	ggaataaaaac	gaagggacgc	420
gaacacggcg	ttttacgcgt	tagtcagaaa	ttaa			453

&lt;210&gt; 5078

&lt;211&gt; 225

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5078

ggggttggtt	tagaatggaa	agaatcattt	cggtagctat	tcgataatca	atactataaa	60
aagatatttt	tactcaatga	aaaacacaac	agtccttttcg	atattgtttt	taattattac	120
gccattatct	ggctgcgtat	tttcaccggg	tcagcatctg	gatcttgctg	gaaaacaggt	180
gatgaccaca	gaaaatgcaa	acgatcgtct	ggagaagcgg	attga		225

&lt;210&gt; 5079

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5079

aaagttaaaa	aacagatggg	gcctgaaaaa	aacgcccgcca	atatagagcc	ttttgtcacc	60
gggctcaatg	gtttatttgt	ttactgtttt	gtgacacagg	gcacagggca	gggaagaacg	120
ccgtttgtat	ggggaagatt	gcactttatg	ctaaataaaa	acagcagctt	acgtatgatt	180
tgtcagcatt	gtaaaatcag	acaaaagagt	gtgacaaatc	gtgcgattgg	caggcgaaaa	240
ggaggcagag	agcctcctta	cgtgttttat	ttctga			276

&lt;210&gt; 5080

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5080

atttatcact	tccatttatg	gacttttggtt	attgcatttt	ataccttctc	ttttgaatca	60
attttctgca	tcattgataa	tattaacttt	tcgcttcagg	gtgagcttat	gtctaacatt	120
gatgcaacag	ccgtggcgca	gcgtattgat	actgtgctgg	atattcttgt	cgcaggcgat	180
tatcactctg	ctatccgtaa	tcttgagatc	ctcaagtctg	aactgctggc	tgagaacggc	240
gctgataacg	ctccagaatc	caactcaact	aaagccccgt	gggaagtgtg	a	291

<210> 5081  
 <211> 222  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5081  
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 gaggtaaact acgccaacct gcgtgtcacc ccgagcgggtg atggcatcag agatcagctc 120  
 atggatggca tttcggtttag gcaaaccggt aatcgtatcc gtattggcga gaacgcgcag 180  
 gcgctcctgg gcccgacgct cctcggttat gtcggtacct ga 222

<210> 5082  
 <211> 336  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5082  
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 gttaacaggc tgcataaata cccgctatatt atcgcatatc tgggtgtttgt aatcgtctgtt 180  
 gcagccgttc agataaaacat ctttgctaata ggctacgagt ttgtccgcag ctttttgcatt 240  
 atcgattttg acccctatcg atatgactcg gtatattggg gatcattgtt tttctccata 300  
 atttacttgc tggcggttgc ccggaacaag ttttag 336

<210> 5083  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5083  
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 ctgctctggc caaaaaattc actcaaaaaga gagagcattc agcatcttct ggcctggctg 120  
 caaaaccata ccccggtcgt tccggcgctg gatatcgatt atctggaata cgatgacagt 180  
 cgggtttatt aa 192

<210> 5084  
 <211> 720  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5084  
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 aaaaatccca tcattccttaa tgagctgaaa gccgttgctg atgagaaagg tttcccggtc 180  
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 gggcagggcg cgttgatgtc cctgaacatc catccgggtg tgatttgcgg ttactgcac 360  
 gatcctgcgg atgccttctt gtttgcgcaa atcaacaacg gtaacgcgct ttctctgcct 420  
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 gccgggatcc tgaaccagggt gaaagcggcg gtggtgaaag aaaactatct ggataccctg 600  
 cgagcaatcg atcctgagct gggttaaaacc gccgtctcag gccagcgtt ccagcagtgc 660  
 ttcttcgaga actgccagga caaagagatc gaagccttcg tgcgcggtat tggttgctga 720

<210> 5085  
 <211> 501  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5085

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aaaattatat	cgccatctga	aactccatca	gatggcaatt	tagcgaattt	tatgaccatg	120
cttatctcca	ctaaaaatca	ttctgacgcc	cttttaccgt	tttcgcagcg	cgcgatatg	180
ctttcagttg	cctatagcga	tccccaaaa	gcagctgcgt	tgctttcatc	ctgtcagccc	240
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acgtcgggtg	aattacagac	gcccagagtct	gaggactatt	ttcacaagat	ttcgtctgcc	360
gccacgctat	tacgcgcggc	aatcattgat	gctgagcaac	agaaaaacac	gccagcattt	420
tatattctgg	ataaggtact	cagcctgaac	agcgctttgc	cagaacgtta	taaaaagatg	480
gcaaacatat	cttattcatg	a				501

&lt;210&gt; 5086

&lt;211&gt; 810

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5086

gaaacaattg	cagttatgga	aatgtttaa	cagtctgcac	cacctcctga	ttttgttgtc	60
gaggcaatgg	gtgaatatgt	tgaaaaatat	attacggcta	tacattttat	tccacgggat	120
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gaatcattta	aagattttact	ttttaagtaa				810

&lt;210&gt; 5087

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5087

tccattcatg	tggtttatcc	ccggcaaaaa	cacagaggga	gactttacct	acagtctccc	60
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aaacggatct	gcgcgaccgc	cctgcaatgg	gatcctggca	agcgtctgat	cgatttcgcg	180
taa						183

&lt;210&gt; 5088

&lt;211&gt; 2016

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5088

ggaacaaaaa	tgaggggaag	caaagaaaaa	tctatgccgg	atgttctgga	ctctgccag	60
ttggtacgta	ttgaagccgt	acaccgggga	ttcctttatc	agcacttgta	tgccgttggc	120
tgcttgctgc	tggcacagaa	agccagcgtg	gagacagtaa	ccgttgagct	ggatgaggat	180
attgaactca	actccaggca	ggagcgcatt	tacgttcagg	ttaaaacccg	cctgaaaccc	240
atcattctca	gcgatgtgtc	tggcgcgctc	gcgcggtttg	cggagctgcg	taacgagcac	300
actgatgggc	gccgccaggg	aagcgcttct	ttcgttatcg	tcgccaacca	ggcgccagg	360
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tgcccggaca	gttatctgtg	caagagcgaa	gattaa			2016

&lt;210&gt; 5089

&lt;211&gt; 324

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5089

gttcaggaga	ctatgatgcg	aatttttatgt	ctggatatcc	ccgcacctgg	agcatcgctg	60
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gctgaattta	aaaataaaga	gtga				324

&lt;210&gt; 5090

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5090

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gaattcgacc	aatacaattt	tgatgttgaa	aaaaatgatg	tagtgaccag	agaatttttg	120
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gaaagtgggtg	cttgggtggg	ctcgtttgac	ctggctgatg	gagaaaaatag	ctatgagcat	300
gttgagcttg	accctagggc	tctaagggaat	ttagtggatg	gtgttgctcg	tgcactttat	360
gaccattaca	atgttttctaa	agcgggtctt	tatttctgga	ttgcagccag	agaagaacta	420
gtcagcatct	atgataaagc	tttgggcctg	gtcccggaaa	agacgttaaa	gttgaagcct	480
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acgaaatact	actga					555

&lt;210&gt; 5091

&lt;211&gt; 606

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5091

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cagctgtacg	aagaagttac	ccgtaagctt	aagacagcct	cttccaatat	tgctaagcga	120
aagctcgagt	ccggtgagta	tgtgatgcac	aacggcagaa	taataccggc	aagcgttctg	180

gaagaggcca	atgcagaaaa	tgcaataagc	aagcgaagga	gccatggtgc	tattccattg	240
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gatgaacagg	ataatggaga	atggaagggc	agccggaaaa	gtattgctgc	ggcctcagta	360
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aaataa						606

&lt;210&gt; 5092

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5092

cgtcagggca	ggtcagtaat	gttaaacaga	aatcttgagg	ttctgacctc	atacttcaat	60
gacctgctgg	agtcagcgcc	gcagcaccgg	gataatgtag	tcgcaattct	cgcgagata	120
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gaaatcgata	agtcgacaa	atgtaagaag	caggtgctct	gtgatgagt	gccagaaacg	240
ctattttgtg	gtctcccgg	atccgactga				270

&lt;210&gt; 5093

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5093

gctcgtgcat	gtagtttgag	cacaggagga	gtgtatgggc	acaatcatga	cttacacctg	60
aatttaagga	agaagctact	cactatcaca	gacacacaga	acagaacgaa	tgaccttttt	120
aaccaggtca	gacaggaatt	aagtttatat	ggcattgaat	ttgaagatat	tacggtcact	180
caacatctta	acgtcagggc	aggtcagtaa				210

&lt;210&gt; 5094

&lt;211&gt; 825

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5094

agtcgcgacc	tgttttctca	ctggagccct	caatcctgct	ggcccgtaaa	gaaatcgata	60
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tcactggcca	caagactgtc	aggcaagggt	aaaaactcta	tttaa		825

&lt;210&gt; 5095

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5095

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aaaataggaa	gcagagttgg	gtgggtcata	ggaggactga	atatttatgg	gattgtacaa	180
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tatctaaata	ttagcacagc	atctgatgaa	gaaattgtca	gagcacttaa	gagaatgatg	360
tga						363

&lt;210&gt; 5096

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5096

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atcacttttg	ttggcaagga	catgttcgat	gatcgaatga	acatagcaag	ggagcacgtt	120
atgtattaca	gcgaagaaat	tattaagcaa	cctggaactg	acaaagagct	agctgtgcgg	180
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attaaataca	tttcaaaaat	ggtttga				507

&lt;210&gt; 5097

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5097

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ttttttggtc	atttaaaagc	tgataacggc	tgtttactat	cttttggaac	tcataactgc	180
taa						183

&lt;210&gt; 5098

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5098

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gcgaacctgg	taggtcagtt	cggcgaagcc	aattccgctc	gcgagcgagg	agagcttcat	120
caggttaagg	tactggccaa	cgacgggttg	ccaggcgcta	gcgagtcctt	gtggcagaag	180
aatgtagcga	aacagacgcc	atga				204

&lt;210&gt; 5099

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5099

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tgtgcagatt	cacataagtt	tgttatcaag	gcgttaaggc	ctaattgtcat	cttatga	237

&lt;210&gt; 5100

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5100

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cgctga						186

&lt;210&gt; 5101

&lt;211&gt; 1319

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5101

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ccacaggcac	atgttgatg	cagttattcc	cacaccctcg	gcgatgatgc	cattatgatg	180
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acaattagct	ctctggatac	cagtaaagtc	cagctttccc	tcgaccccat	catgcatggc	780
agtgagcgtg	aagagcgggtg	gggtagcctg	tatacggcac	atgctgactt	catgaacggc	840
tggaaggaa	atgccgcgcg	ctttatgacc	gacctgtgca	tgaaccgcgg	aatggattgc	900
ggcaccaccg	tgccgtatgg	ttattcaaaa	gcgaaggcca	acgtctggct	cagcagcatg	960
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&lt;210&gt; 5102

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5102

accgatagt	aatcagccga	tacagcttca	cttctgagca	taggtcttac	tcacacctac	60
cttacaaata	gtcaactcat	tgcccgcca	tcaaaagcgg	gcttttttta	tttcaggctc	120
aaggaaacat	catcgacacg	cctacttggt	aaatcgtccc	gagggcctga	cctaatacat	180
cagcaccaag	caggtgcgaa	catgaagaaa	accactatgc	aagacagacc	agatacctgg	240
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tttgtcatgt	cgatactcgc	tacctcgcgc	ggcgcgaaat	caaagtggaa	agaccggatc	360
gccggcgcaa	cgatgtgcgg	gatcctatgc	ttcttcgctc	agcctacact	cacggctata	420
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ccgggagaca	aagcaaatgc	tgaccctcag	taa			573

&lt;210&gt; 5103

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5103

tggcgggttt	tctttttcca	ggagacagct	atgtctgcac	tttatgaaaa	atcgacgctg	60
acgaagatcc	ttatttcttc	cctgccagcc	accaaagaaa	cgatggattc	cgcaaccttc	120
ctcgatctga	gttgacccat	caaagaaatt	cagttcaccg	gtggtcagaa	gcaggatatt	180
gacgtaacaa	cactttgctc	taccgagcag	gagaacatca	acggcctgcc	ttctccgtca	240

gaaatctctc	tgtccggcaa	cttctacaag	aatccggcgc	aggacgcctt	gcgtgaggcc	300
tatgacaacg	atacgacct	cgctttccag	gttatcttcc	cgcccgcaa	gggctttaag	360
ttcctggctg	aaatccgcca	gcacacctgg	tcttcaggta	ccaacggcgt	agtggcgga	420
acgttctccc	tgcgcctgaa	aggtaaagcct	gaaaacatcg	agtctggctc	ctga	474

&lt;210&gt; 5104

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5104

gggctaaaaa	tgacgatctg	gctgggagcg	ttaaagaact	tgctggcgcc	gttaacaggc	60
aaaacgttgt	catgtctgaa	gtcgagaaac	aacgggctga	gtcgccaag	cagaaccgaa	120
tgctccagag	cgagattaag	cgctacctgg	cggcagataa	gtgcgctgct	gctcctgttc	180
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ataaagcatc	cagccctgaa	ccttccggcg	gagctgacgt	cgcgcttga	tgtgccggat	300
ctgccagaca	atccctcata	cggtgacagt	gtttcgatga	acgcgacact	ttacgggatc	360
gtcggtcagt	gcaacatcga	ccgggaagca	attcgcaaaa	ttgagaaagg	gcgaaatgat	420
gaaaaccaac	cagtgcagtg	a				441

&lt;210&gt; 5105

&lt;211&gt; 702

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5105

agccaagaca	gcacgcgaac	gcctgaacag	aaattaagta	acgaggtgaa	gatgactgaa	60
tcgaaatatg	gttcagggtc	tccgcacgcc	catgctgcct	gcatttgtga	tggatgcgaa	120
ttatcggtag	gatcccgtaa	cagccactac	tgtgaaaagc	attacatgcg	cgcccggcgt	180
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caccggaaag	tctattacga	caaacatggg	gctggaccgt	tccgttgtca	ctgggtgtgca	360
aaaaccgttg	gctgggacac	ccttcacatc	gaccacctcg	atgactgtaa	gaccaataac	420
gagcctgaca	atcttgtgcc	aagttgccct	gtgtgcaatc	agaagcgagg	cgtagacaag	480
atgagaaaga	caatgcgaga	gaactccgac	cgcagatata	ccgctcacgg	caagacgatg	540
tgtcttaacg	aatgggcgga	ttacctgggt	atttcgagaa	actccattga	gtatcgactg	600
aaggcaggct	gggacatcag	tatggtgttc	agccctcgca	ttggtaacag	tggtcccccg	660
agccggaaac	tggcgaaaat	cgtgcatgag	tcggttaaat	ga		702

&lt;210&gt; 5106

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5106

gcaggggatc	gaaaaatgat	tgagacgagc	ctcgattttt	ccggcctgaa	tgacatcgca	60
aaggatctgg	aggcgcttag	ccgcgctgaa	aacaataagg	ttcttcgtga	tgccacgcgc	120
gccggtgcgg	aggtgcttaa	ggacgaagtg	atcgacgtg	caccggtacg	caccggaaaa	180
ctgaaaaaaaa	acgtggtggt	tggtacccaa	aaaagccgcc	gccgcgggga	gatttcttcc	240
ggcgtccata	ttcgtggcgt	taacctgcgc	accggaaaca	gcgataaac	gatgaaggcg	300
aataaccgga	gaaacgcctt	ttactggcga	ttcgttgagc	tgggcaccgc	gaacatgcct	360
gcacatccgt	ttgtgcgacc	cgcttacgat	actcgcgagg	aagaggccgc	cagcgtcgcc	420
attgccagga	tgaatcaggc	tattgatgag	gtattgagca	agtga		465

&lt;210&gt; 5107

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5107

aaacatcgag	tctggctcct	gagaggctgc	atgaagaata	ttaaaaatct	cgccctggct	60
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aagatgtcgg	gatttcgtca	taagacggtc	gccgttcctg	agtgggaagg	cgtcaaagtg	120
gttctccgtg	agccgtcttg	agaagcctgg	ctgcgctggc	aggaggtggg	gaaagcgggt	180
gctgatgatg	aaaatgtgtc	ggtatcgga	aaggcacacc	gtaatctttg	cgctgacgtg	240
tgctcttcat	tgacattcga	ccacggcggc	tgatagatc	cacgctcc		288

&lt;210&gt; 5108

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5108

gttgaaaagg	gtaattgtcg	agaggtat	cagcgcgga	tcgctttatt	ccatcaatgc	60
ccggaaaatc	cgtttacgtt	tcagttaaac	gagtttattt	acgattgcgt	attattgatc	120
cgtaataaca	atgacaaagg	ccacctgcgg	gtggctttat	ttaatggcgt	taaccagcga	180
gagggatccg	gcacaaacgg	tgcgacagaa	ataattagcg	ttgtaacctg	a	231

&lt;210&gt; 5109

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5109

accttcaatg	gagggatatt	ccgtgcggta	actgacgata	accggatggc	gaaggttgag	60
aaagtgatgg	gcgaggccga	tgcgacggcc	tgcgccagtg	atcaatattg	ggcgttgctg	120
cgtgtgtccc	atcgtaatct	ccttttcagt	tcaacaatgg	gacaggcgac	gctatcccat	180
taa						183

&lt;210&gt; 5110

&lt;211&gt; 189

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5110

cttttacaag	ttaattttaat	gttaatgagt	tgttctatta	tggcgctata	tcattgtttt	60
accgcttcgc	ttgcgcgatt	tatcggtcct	gaaggcgaat	ttaaggtaaa	tatctctgtc	120
agtaaccccg	atcgcttatt	tttcacagat	aaagtaatct	tcaccacgcg	gtcgacggtc	180
aacgaacga						189

&lt;210&gt; 5111

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5111

ggtattcata	tccattccat	tcaaaaagta	ctgattaaag	ggaatgatac	acgcagagag	60
aaaattcaga	cagaggcggg	ggaaagacgc	gtgaccggga	accgggtcac	gcagaatgat	120
tacagcaggt	cgccgatcat	tttttccagt	ttttcctggt	cgatagcaaa	cttacggata	180
ccgtccgcca	gtttatctac	ggccattgga	tcttggttgt	gctgccacag	gaactcggac	240
tcggtgatgc	gctcagggcg	cgctttcact	tcgccagtgt	aa		282

&lt;210&gt; 5112

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5112

cctgtgctat	atctgtatgt	aatgcagtca	cccttcacgg	atcgaaggga	tcattgaatca	60
ggaggtctta	tgaatgaatt	caagaggtgt	atgaacgtgt	ttaccactc	tccttttaaa	120
gtgcgcctga	tgctgttgaa	catgctgtgc	gatatgttta	acgccaacc	ccagcaggac	180
gacaactctt	cccactaa					198

<210> 5113  
 <211> 525  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5113  
 aattttacagg atgcattgat gaaaaggata tttttatcag tcgctatggt gctgggtggga 60  
 tgtagtcttg ctgccagtca agagcagagt gcgaaagata ctaccgtatc attttataaa 120  
 tcctatcttt gtgcattcgg cagtaatgaa gccaggccct atcctgccga cgaactgcgt 180  
 aaatatgttt ctgctgatac tattgctcgc attgggtgcta ttcaggaaat cccggaacaa 240  
 gaattaatag agtctgacta ttttacgtat acccaggatt acgcccgcga atggatacct 300  
 gcgttacggg tggaaaacgc aaggccattt ttaaaccggg aagtagtcca ggtgatggaa 360  
 ggggcaggtg gcgggaggag cattcacctt gaagtatttc ttcgtcgtga agatgatgca 420  
 tggaaaatct accgcgttcg tgacttaacg aacaatcacg agcatcccat attcaatgcc 480  
 ggagcaattg cccaggcaaa aattgcagcc gaaagcgggc tttaa 525

<210> 5114  
 <211> 441  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5114  
 gcattattta accaacaatca ggtaaatgac tggcacaata attccgttct tacttactta 60  
 agggaactaa gaatgagttg gaataaagat gttgctgttt cgtatctccg ttcacacgcg 120  
 ctggggcact ctcatagtga atgtgctaag tttaccgcgc tggcgattct ggctggaggt 180  
 gttaaggtgc ctaatacaga ttatgcaaaa gattatgggg cggaattatt acgtgctgga 240  
 ttccgtgagc tgccgcccgg ttccgacttta atagctggcg atgtggctgt gatacagcct 300  
 tatcccggag gaaacggcat aggtcacatg actatgtatg acggcacgca gtggatttct 360  
 gattttgttc aaaaaagcat gtatccgggg cctgggtacc gcaaaatgca accatcattt 420  
 aaaatttaca ggatgcattg a 441

<210> 5115  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5115  
 aaacgggggc gagctaccgg ctggtattac gcgacgcacc cggccctgaa aacgggctgg 60  
 atgcgtttcg cgctgtctg ctacgtcgag gctgacgtgg tgtttcatca cccgtttgaa 120  
 gaggtcata cgggcacgca tgaagcgggt ttcaagccga aaacctgcat gtttattcac 180  
 accaatacgt aa 192

<210> 5116  
 <211> 210  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5116  
 ggattgaaat tttccggcga tccttcggag caatacacca gcgtttttgc cgcgacggtg 60  
 gaactgaccg tcagtgcagc aagcgccagc gttatcattg tgaatgtgct tttcatcatt 120  
 tattctgtc tttttaattc gacggctaata tacttctttt gccatttcat aaataacatt 180  
 aaagtgatgg cgcaaacaca tgaaaaataa 210

<210> 5117  
 <211> 522  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5117  
 ggatgttctc actatgtctg cttttgtcta cgcttatttt atggtgcgaa attagatttg 60  
 cataagatgt gccagaaaag cagcattttt acacgacaaa acagcaatat agcgagtaaa 120

gaggggtttta	tggaatggaa	ggttgttgag	actattgcga	gcccggaaaag	cggaactatc	180
ttttgcaaag	ttgaaacaca	gtatggcctg	aattatatcc	tgtgggttaa	gggagattat	240
tacgttcgta	caggtgaaat	catcaccacc	tcaaaccagg	ggatcctgat	aaacgatcga	300
cgccgtagag	tatggatagc	gcaggcaatg	ccctttacat	ccataggctg	gatgggggtc	360
aaacagaaaa	acgcgtgtcc	aggcaaccgg	caagagatgg	atcggtccgtg	cacggctgaa	420
accccggtgcc	agttcaaact	gtgcccgttc	ggcttaaaac	ggatatattcc	ggaaaagttat	480
tccacgacga	aaattaacaa	ccatcctgac	ggcaggcttt	aa		522

&lt;210&gt; 5118

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5118

atagttgagc	aaataactca	ggtattcagt	acgacattgc	tcacattgct	tccagtatttt	60
cttgcctact	ttttagtggg	cttttttttt	tgctcaacc	cacaaaaatc	tggcggtttt	120
tctgtggagg	tgaaacgcta	ttctctgttg	cttctgaata	acaaaaaagc	gttgataaca	180
tga						183

&lt;210&gt; 5119

&lt;211&gt; 843

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5119

cgaggtggct	ttctgatggc	taactcattc	aagcaaatga	cccgtgacgg	gaccatcaag	60
cgcaccgata	ccgggatggt	catcagcctt	gaccaaatec	atgtgcggga	aggtttcaac	120
aaacgcgaag	atgatgagcg	taccgcgacg	gcagatgatg	acctcttcaa	ctacctgatg	180
aacggtgggt	ctgttcctcc	actggaagtt	atcgcccgcg	atgaagggtg	agtgtgggtt	240
gttgaaggcc	accgtcggcg	tcgtctgtat	gcgcgtctgt	cagaagcagg	taagccagta	300
gaccgtatcc	acatcatgcc	gttcaacggt	aacgatgttc	agcgcctggc	gcgcatcatg	360
accagtaaca	accagctccc	gctatccgat	atggaacagg	ctgctgttat	tcaggagcct	420
cataatgcct	tcaaccagac	caccagcgag	atagcaaagc	tggttaataa	gtctgtccct	480
actgtcgaaa	agctttctgt	tcttagcaca	gccaatcacg	acgttcagaa	agaagttaag	540
tccgggaccg	tgtctgtaga	tgtggccggt	gaccgagtaa	aagagtttgg	cgaaaaggcc	600
ggtgaggttc	ttcagaagga	taaagcttct	gctgctgcca	aaggtaagaa	gaaagtcacc	660
cgcagcgtaa	tagcgccaga	aattagcggt	aagaaagcgc	gtcgccttgt	agagctgatc	720
agcctggcgg	gtataagcga	cacaggtggt	atctatctcg	aaggattggg	ccatgcagaa	780
gtcgtggaga	ttatcgacga	gcacaaagct	atcgccgttc	agcgtcatgg	agaagcatca	840
tga						843

&lt;210&gt; 5120

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5120

tcagcccga	gtccactggt	caaccttcca	cttgaagaag	cgtcagacat	tattcgtgaa	60
agtcttcgca	ctgaggttcg	ccacgagctg	gaatatgaat	acgatgaccg	tatttcttct	120
gctgaagaag	aggcatctga	ttgggaatca	cgggcagaca	gttacgaatg	cgatgcgatt	180
agttttgcc	gagcgataga	gaaagccttg	cttgaccaa	ccttggtatg	agcaaaaaatt	240
attctcgaac	gcgttcgttc	tgataatcgc	gaatatTTTT	aa		282

&lt;210&gt; 5121

&lt;211&gt; 462

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5121

tacttaatga	atatttaaga	atttggcagc	attcaagtgc	cgggattcgt	gcaacaaaaa	60
ttcagcgctg	tgcagagcgc	tcataacacg	gagaaactat	ccatgacgaa	cacacagaac	120

gtcaccgagt	tacaaccacg	tatgacccgg	gagcagctga	tgcacgcagc	gcgtaaggca	180
gcccctctcc	ttccgccagc	ttatcgcggc	attatgacgg	aactggctaa	ccgcctggac	240
tataccagcg	tcgcgctttg	tgaggcgatg	gtcagcgta	aggaactggc	tggtcagaac	300
gctactctgc	gtgaagatgt	cgcaagctgg	gccaaagagt	gtgaccgcat	tggtgaacgc	360
cacacgaaga	gcagaaccaa	tatgcattta	ctggaagccc	agcgagaatt	gcgtgagcta	420
tcacccatcg	tcatttccca	aaataacgag	gtggctttct	ga		462

&lt;210&gt; 5122

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5122

ccagtttctg	gcagtacggt	tgcgagaaga	agtatgtttc	agttaaaacc	gggcagcatg	60
gcgatgatcg	tgggtgcgcg	tacggcgcca	ggccgtcgaa	atatcggtaa	atccgtggag	120
ctgtttggcc	tttgtcagcc	gggccagcgt	tttgtaaacc	cgggttaacg	cgatcatgac	180
caattacctg	atacatcagc	acgtgcgctg	tggctggtca	cgggtgatgt	ttacgccttt	240
gataaccagc	acggttttgc	gtttgttcgc	ccggaacatt	tgatgccgct	aactcccgac	300
gagatgccac	acaacgtgga	tgagctggcg	atcggttaa			339

&lt;210&gt; 5123

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5123

gtttttctcac	catatgccat	acccgggtcat	ggatattgagc	tggcagatag	cgaacatcac	60
cgccgtgata	actacaactt	tgactggagg	cattattcgt	cctcctctcg	accaaggtat	120
gaaagagagc	tgatgcgctt	tggttataaa	tcatcgccag	aaatcaactc	cttcaacttg	180
tctaaatcag	cctgcgattt	tatgcggaaa	gtaagttga			219

&lt;210&gt; 5124

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5124

attcttctga	aagcggatga	gggagaggct	aaaaaaagcc	ccgatgttga	gatcggggca	60
aaacatcttg	attacggaat	gatgttctct	ggtcagtgtg	agaacaggta	tcactataag	120
agggaaatcg	gcaggtttaa	tggagaaatc	atggagaaaa	cggcgatgac	ccgttactct	180
gacgttttta	caccctga					198

&lt;210&gt; 5125

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5125

aataattact	ggcatcgcca	cgcggatgac	cagcctgcgg	agttcggcta	tttcgtcggc	60
ctgctccatg	actctggcgt	acaggtccga	ggcttcacct	ttccaccagg	caacgtcggc	120
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gatatgagct	ggcagatagc	gaacatcacc	gccgtgataa	ctacaacttt	gactggaggc	240
attattcgtc	ctcctctcga	ccaaggtatg	aaagagagct	ga		282

&lt;210&gt; 5126

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5126

tgggtcgtcg	tcccggtcac	gtcatcagac	ataacgattt	cacctgtgat	ttgccaatac	60
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gtagcttgct	acatttagcac	gggacggaga	gggctgaaag	aaaacagcca	gcgggagcgc	120
tggtctgttg	gtcatgcgtt	gctggtggat	gactgtttct	ggagcaattc	gctaaaattt	180
aactga						186

&lt;210&gt; 5127

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5127

ccttcattct	ccagggttaag	acgcaggagt	gccgcgatat	cgtgggtcatc	ttctaccagc	60
aggatctgct	tcatgggtaa	gccttcaatc	atttggttatg	tcgtaagctt	acctgatttc	120
gagcggggga	agagttcaca	ttttgttgaa	cattgtgtgg	ggtttatgcc	ggggggcggc	180
ttcgccctac	ccggcctacg	ctttgggttaa				210

&lt;210&gt; 5128

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5128

gcctgtatca	tgtcatcaaa	aaatcaatcc	cagtattttt	caattgctgt	atacatccct	60
gaggagttga	agcagacttt	tgtagaagaa	tgcagtattg	tcggcattga	cgccaaaaga	120
gtacaatggt	tctcctccaa	tccaggcata	cgtgaatata	tgagcatttt	agttgaacgt	180
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gatgctctaa	agttgattca	agctgctgat	gccattcggg	taattgacca	gcaagaaccg	360
gaagatatga	acagtgatcc	cgcaaaacac	acaatctga			399

&lt;210&gt; 5129

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5129

aacgataata	aaaaccgagg	taatgtaatg	aatgataaaa	aaatacaaat	agttgagcta	60
ctgatttcac	atagtcaaat	gttggttacga	tccagagact	atgacgaaaa	gctgaattac	120
tggggaaaaa	gcaatgtttc	tcaagggtgct	gttcttcaca	aagattatgt	tatattcgac	180
ccattaccag	aggacgcatt	tggagccaac	gtcaatatca	aaatagataa	ttcttttata	240
ttagatgaaa	ctgctcaacg	ctgcattgta	gtgccatttt	ttattacaaa	taaaaataag	300
cttcaggctc	catga					315

&lt;210&gt; 5130

&lt;211&gt; 687

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5130

actttacaga	aggaatcatc	catgaaccaa	tttacagagg	acctacataa	tgtagtagct	60
caaattcttag	ccggcgcgaga	aatctctgat	agtgaatttt	tcaaagaatt	aactattgaa	120
cctgattttt	acaagggtgca	ggaccagtat	tacgggtggaa	atgggtatcta	tttcaactct	180
gaatcagaaa	cccgtttttc	actgcgtagc	aaatccaaag	gtgtattgta	tctggccacc	240
acggcattta	cagggctgaa	agagttttat	caggatgctc	cgcttggtga	aactgaggat	300
cttgagaaaa	actgtatggc	ggtaattcag	gcagcacgca	caatcaagat	tattgattta	360
gctgccctgg	cgccccatct	gaaaactccg	ttaggttatt	tgatgggctc	taaagctgtc	420
tatgaggata	ctcagtggct	ggcagaagtg	ctttctcatt	atgctgatgg	tattgaatat	480
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gcgaaccgcg	ctaagcaagg	cgggggaa				687



<210> 5131  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5131  
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 ttcagagccc agggctttta catggatgat tttccgtccc tgtcggggccg gaattcagcc 120  
 ccgggcttta tgcccgttaa ccgggacctg gtttccaggt gtcataattt tccttcattt 180  
 gaatga 186

<210> 5132  
 <211> 306  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5132  
 ggaccaaaaa tgaaaaggac gctttgtaca gtgctgacgg cactcacgct ggcgactgcc 60  
 ttgcctgcta taggcgctac caccgaagca ggtagcacca gcgcagcaac aaccggaaca 120  
 acaaccggag caacgggtggg aactaccgct ggcactacgg ggggactggc ggcaggggag 180  
 attgggacaa ccgctgttgt caccaccgct gcgattgccg gcgtagcgac gtttagccgtt 240  
 gtcgcggcaa gcgacagtgg cgatgactca agcaatggta cttccacgac gacagttacc 300  
 cgctaa 306

<210> 5133  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5133  
 tgtagcgcaa agaaaatagc gccgcacttc agcctattac caggccagac cgaaacgtct 60  
 atactcgctt caattagccg ccacgacggc gaaaggatgc aaaactatta tggctcactc 120  
 acattttatta gcagaaagaa tttcccgctt cagcagtgcg ctggaaaaag gcctttacga 180  
 gcgtag 186

<210> 5134  
 <211> 255  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5134  
 tggaacctat gtaaagcctg tgaaggtagc gcgacttcg cgataccacg tgccattaag 60  
 accgtaggac gaggtcatgg ttgcaggctt taccgttctt tacgacgttg cctggccatt 120  
 gctgacttgg gtgggaggca taatgtagca ccgttatata ttatgagcta tcaactcgtt 180  
 ttgtttaaaa aagcggcaat tgccggagtgg tttgattttg ctattgttaa atctgcgttc 240  
 ccgcatgcct cctga 255

<210> 5135  
 <211> 339  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5135  
 aaagcaaaat tcaaggctga caaagccagt aatagcaaca aagaggaaaag agaaactttt 60  
 ttcaggtttt tttacagtcc ggccttaaaag gccgcacgag attttctaaa tacagtttta 120  
 cataaggaaa atcgtatgac tgtattttcta atcctcaccg ccacgcgata tggcatcttc 180  
 aaagccggct gcttcacact attagtggtc aaggggtatc agggctggac attgttcttg 240  
 aaaaactatg accgtctccc tcatatcatc cgttcccgct gccgatatca gagacgattc 300  
 attttcagac gcactctggaa gcgaatcttc agccactga 339

<210> 5136

<211> 324  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5136  
 ctgtttctgg acattatcaa tcttggtatg gatcgccaga ttcagcgtga gcatatagaa 60  
 caacagattg atatgagcct cggtgacggc attaaagctg cgttcagacg ctcgatcatg 120  
 actacctcca acgcacattt ctgccgtaag acgggttccc tgatgttcca gcaccgcata 180  
 aagatctata ccacgtcgtt tcacctcacc aagtacatcc acggaaggcg tttcgaaaca 240  
 cgcatacatc tgggtctataa actgctgata ggctatgccg gcattttcaa atcgctcatc 300  
 cctgatggcg tccagtatct gtga 324

<210> 5137  
 <211> 282  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5137  
 gtgtcatttc gtgtctttta ccataaccct tcgagcacgg ccaggaaact ggccagacca 60  
 atggttattg ctgggaaaat aatgtggaag gaaacagtaa atgcaaactg taccctggcc 120  
 aaatggaagg catctaattc gaacatagtt caccttaacc ccgataatac actgataatt 180  
 aattatttct tatcaaatca gagccttgat gagaaatttc gactattgaa aacaatcatt 240  
 tttttgtatg agataaaaac tcacttgcaa gtacattggt aa 282

<210> 5138  
 <211> 570  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5138  
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 gccctggatt cgaaacgtcc ggggcccgtg gccacgcggg atattgagcg ggtgctggaa 120  
 cagggcgggg acgccccggt gtacggggccg aacctgcgcg cctcctgccg gcgcatggaa 180  
 gcagcgggct ggctgcgcac cctgcgcgcg cctaaccagc agctggccgt ggagctgacc 240  
 ggggcccggc gcgatgtggc ggaaccgctt tatcaggcag cccgtgatga cgaaatctcc 300  
 cgccagcgcg agttgaaggc gcacagtctg cccttgccgcg agtcgacaac cggtagggcg 360  
 gtggagggtt ttctcgggtg cagccttcac cgtatctgtc aggcagccta cgtgatccgg 420  
 ctgcagcggc ccacctgtct gcaagtgcag aatgcaggcg gaatacgtca gataatggaa 480  
 ggcgatcccc tgcagggtggc tgacttgtat cagacctgtt atgacgcggg tcttccggta 540  
 catatccaga ttaacgagag ccaggattag 570

<210> 5139  
 <211> 306  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5139  
 tgcgcttgca aaggcgattt catccctgac ctcggtctgc tgaccaacaa tcacaaactg 60  
 ttccggcgct agacgggtgaa caagaaccgc atattgtaca ccggtgatgg tggcgttctg 120  
 aaaaccttcc ctcacgggcg cgggcaaatg aaagggtgat cctgtgtcat cgttttgcgt 180  
 acccgagacg gtgagatatt ccaccagtat tttgccatcg ctgtcctcgt cggccctctt 240  
 ttgccctttt atttcgggca gcgcgttatg tccgggggac ttcgtgacgt aagctatctg 300  
 ttttaa 306

<210> 5140  
 <211> 297  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5140  
 ctaaaccgga cattatcaga cggagcgtgc aggatggatg agaaagaagt gaatttttca 60

ctcagctatg	agcagctgac	ccg gatagcg	gaagaacgta	tccgtgaatg	cgagctggac	120
agtcagggcg	ctaaatacat	cagcgaatcg	agtatggcca	gcacccttct	gcaattcttg	180
tatgaactgg	cgattactgg	tgcgccaatg	aaaaattacg	aacaaaccaa	agcgctcatt	240
gacgtcgatc	atcagcgtct	cagaaaaactc	atctggcccg	agacggataa	gcaatga	297

&lt;210&gt; 5141

&lt;211&gt; 417

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5141

gttcccatga	aaaaaaccaa	atacagattt	gagagtgatg	acgatccctt	tgtatctaaa	60
gatgttttga	ctctgatcga	caacggactt	gtgtttctgg	ataaggcgcg	tgaagaattg	120
caggactcca	tgcccaaatt	ttcgattgtc	agtttctgga	cagcggtcga	gatcctgctg	180
aaggtacctt	tgttacatga	gcaactggagt	ctgggtgtgct	ccggcaggaa	aatagagcga	240
gcaaggtacc	ttgcagggtga	tttccagtcg	gtgacatacg	atgaaacatg	tcagcgatta	300
gctgatgttc	tggaacaccc	tcttcctaaa	gaaaccatcg	acgtattcaa	aaaagtcaaa	360
gaccatcgca	accgggtggt	tcatttttat	cattccgatt	ggcactgttg	caaataag	417

&lt;210&gt; 5142

&lt;211&gt; 582

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5142

aatgtaaggc	ctttgaataa	gacaaaaggc	tgcctcatcg	ctaactttgc	aacagtgccg	60
gacatagatc	caaaacaaac	cccgagacgac	gcagcatatg	cctggagtaa	cattgtagac	120
gacgccagaa	gtaatcaggc	ggtaccggca	ttgtccttgt	attcaggtaa	tcactggtct	180
acggcaaagg	aaatttttaa	ctcaaccaga	aatctggagt	tgtggataat	ctctgccggg	240
atgggttttt	taaattgtag	agatcgggtg	ccctcttacg	aggcgacatt	tcataagta	300
ccattcaggc	atgatctctg	gtggaaaaggc	atcacaaaat	cactaggaaa	gcataaccgt	360
tgcgcaacta	taagccagtt	aatgcagtc	agtccgaatg	atgaatat	gattgcggct	420
tcgcctgttt	atattgctgc	tgtccagaat	gacatcctga	agggcattga	gagtttgact	480
catcctctta	cgcaactaac	gatcgtgaca	tcaggggcat	atgctggccc	acttgaagaa	540
tacttaatta	agagttcttc	ggtaatgact	ccaacttatt	ga		582

&lt;210&gt; 5143

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5143

gttaacgccg	ctatgctgtc	cttaacaaac	aaggaggaca	atcacatgaa	cataaagacg	60
ttaaaaaatg	atacggtgga	aaccgtgtca	tttctggtga	aggctctgtt	tttcgttgta	120
agaaagatat	atctgaagcc	ggcagtcg	gtatgtccgc	tgccgcagac	actggcggag	180
tgccggatat	acgcagcacg	gagtatctgc	taa			213

&lt;210&gt; 5144

&lt;211&gt; 1068

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5144

tatagcaagc	ccacacagag	ggaaagagga	atgagccagc	aactgcgcaa	gcggtctgac	60
attgagaaaa	aggttgcggc	cggagaggct	gttaaggaac	agccgcgtca	gctaatacagg	120
gacactatca	ccgggaaaaat	catttctaac	gagcgggtgc	ctgaaacgct	cccggcctgc	180
ctgatagcga	tgcagtcgaa	tacgcttgct	tacaacgatg	tagatgtgga	ggcctttcag	240
cgggaagtcc	gtcagcaggt	atcacagata	ctggacgcca	tcagggatga	gcgatttgaa	300
aatgccggca	tagcctatca	gcagtttata	gaccagtatg	atgcgtgttt	cgaaacgcct	360
tccgtggatg	tacttggtga	ggtgaaacga	cgtggtatag	atctttatgc	ggtgctggaa	420
catcagggaa	cccgtcttac	ggcagaaatg	tgcgttggag	gtagtcatga	tcgagcgtct	480

gaacgcagct	ttaatgccgt	caccgaggct	catatcaatc	tgttggttcta	tatgctcacg	540
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ggttttctgg	aagagcggct	cagaacggtg	cttaacgagt	acatctatgc	aaatcaactt	660
ggccggatcg	ttctggacgg	gttacatgca	agcgagacc	tttatggctg	gattttgctt	720
gaaaaaaatg	acctggatgc	tgcccggttg	atttataaga	atgatttaaa	gctgaataac	780
gaaatgaagt	ttgccgagct	tcatgcagag	gtgatgagca	tctaccaaaa	gagatacaca	840
tctgaaacgc	ctgaagatct	tcggaataga	gcttttctcaa	gggtgtgggtt	atccgaagac	900
agagcacaat	tgcgttttta	gctgtgttat	taccttcacc	agacaggaca	gattaggaag	960
tatatcgatg	agctgacgct	gggtgctgat	aacaacgaca	cgagtgcgc	taccgtggat	1020
gtccggctcc	tcctggttcc	ctctgcatcc	gggctcgcaa	ctcaatga		1068

&lt;210&gt; 5145

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5145

aataattgtc	tcgtcagaaa	aacgcctcaa	gggtccggat	attccggcat	aaccagcatg	60
gggtcatttg	cctgtagggc	ctggaactca	tcaatgcagc	tgatcctgaa	cacctccgc	120
ggtctgtcga	cggtagtcag	ctccttgctg	attatttatt	cctttgtttg	tgacatctac	180
ttctga						186

&lt;210&gt; 5146

&lt;211&gt; 375

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5146

cacaccatga	aacgcacaat	tttttttgcc	ctttctacat	ttttactggc	aatgactgcc	60
agctctgtat	acgccagtac	cgaacacacc	ggatgtctg	acttacgggt	tcagaaaacc	120
gctaattgcca	gctactgtaa	tccagggtca	catcgttgcg	aggccccttt	tactattggc	180
cgggataata	ttgcaaaaacc	agacgggtca	gataaaaact	actgtaatcc	gggatcacat	240
cgttgcgagg	cccctttttc	tactggccgg	gataatattg	ccaagccaga	cggaacagac	300
aaaaactact	gtaaccctaa	ctccagaaaa	tgtaatgcac	ctttcaccac	cggacatgat	360
aatattaatc	agtaa					375

&lt;210&gt; 5147

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5147

gctcgccagg	gatgttctat	gaatacgaaa	ttacaggcat	cgttagtcaa	ggtgcctcag	60
attaccctta	cgttctggat	agtcaaaaata	gcagtaacca	ctttgggtga	gaccggtggg	120
gatgctgttt	caatgtccat	ggggataggc	tacgccggca	gggtaatgac	tccaacttat	180
tga						183

&lt;210&gt; 5148

&lt;211&gt; 237

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5148

tcacctaaat	ttttcagtaa	gttacacata	acccccccca	ctattaagaa	ttactctcaa	60
cactatttgt	atcgtgcagt	atcaggaatg	atcgtggttg	ctgacacaaat	aacgaaaaatc	120
ctgcattttt	gtaatcgacc	tcatctatca	ctacattatt	gcaacttatt	ggacacattt	180
aatcatgtgc	ttaacaatgt	acttgcaagt	gagtttttat	ctcatacaaa	aaaatga	237

&lt;210&gt; 5149

&lt;211&gt; 837

&lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5149

tctgcggtgg	aagcagactc	acccgatgaa	tacggcaaca	gtcatcccag	gcaggaaaca	60
atgcgaccac	aacaaaatac	gtccccggct	ttcccgatga	ataaagttcc	tgaagtcaca	120
ctctttttct	ggctgataaa	aatgatgtcc	actaccgtgg	gtgaaacagc	ggcagacttc	180
ctgaatatgg	atctcaactg	ggggctgact	aatacctctc	tgcttaccgg	catattgttt	240
gccgtggtac	tgacctttca	gttacgtgcg	aatcgctata	ttccggctct	ttactgggtca	300
actgtactat	taatcagcgt	gttcggaacg	ctgatcactg	acaacatgac	cgaccacttt	360
ggagtgcgcg	tgcgcgtgtc	aacatcggta	tttggcggat	tgctgggtct	gacattcgga	420
ctctggtacg	cgaaggaaaa	aaccttatct	attcacagca	tcaacagcct	gaagcgggaa	480
acgtattact	ggatcgccat	tttgttcacc	ttctcgtcgg	gaactgccgc	aggagactgg	540
gcagcggaaa	gtctggggct	tggttatctg	aatgcagcca	ttgtgtttgg	tgcgctgatt	600
gcgctgaccg	cggtcagtcg	ctatctgttc	aaagcgaaca	gcgtactgtg	tttctggatt	660
gcgtatattt	taaccgggcc	tctgggagcc	tcttgtggtg	atttgttatc	tcaaccctt	720
accagcgggtg	gtctggggct	tggcacaaca	ggaaccagca	ttttgttcct	gctgaccatc	780
accagtctta	tcggttacct	cacctataaa	atgaaactcg	aagaaatcaa	cagataa	837

## &lt;210&gt; 5150

## &lt;211&gt; 219

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5150

aaaagaaacc	atcactttgc	aggttgtaat	aaacgggggg	cgagtgtttt	cgtatttgct	60
ttcagtaaaa	accagactcc	ctgtatacaa	aatcattcat	atcatttttt	aaaaaacgat	120
tttactatct	ttatatcgaa	agcagggtcac	tccctttcat	tctatggcca	gcacacacct	180
gacgagccgg	cttaccgat	tgtaaataatc	tggcactga			219

## &lt;210&gt; 5151

## &lt;211&gt; 324

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5151

ccgccaggga	ccgacgttga	tccccggccg	caggtttgca	tactggctgt	cgctgcgggt	60
gcctgccccg	cttcttgccc	ggctgtttgc	cccgtcagg	ctgtagttga	gcatggccgc	120
ggtaatgcct	tcatcccaca	tatccggcgg	aacgtaacct	ctcgtctggca	ggtctatggc	180
cgctgtggg	atgctgatcg	ccaggcgctg	ggcgccaaac	tggaaatccg	cgctggcctg	240
tggaatcgcc	ctgagatcgg	cgcattctcc	ttccccggcg	tcgagctgcg	ggaaaagcgc	300
cgttttcacg	ccccacgctt	ttaa				324

## &lt;210&gt; 5152

## &lt;211&gt; 486

## &lt;212&gt; DNA

<213> *Enterobacter cloacae*

## &lt;400&gt; 5152

agccagcata	tgcaatttac	aggcatgact	gacatgaaaa	aaaaaattct	ggcgatcctg	60
cttctgcccc	ctctcgcatc	cgctgcacag	aagttccccc	ctgaggtatc	cgctgccctt	120
cagtttaata	agtggtagat	ctcgcaaatt	attatcggga	aagagccctt	gaaaaactat	180
gaagcgctga	ggccatatgt	aaccgcgcaa	actatcagca	aactcaaagc	catggataag	240
ctggatccag	atgaatatga	cgtgcctgac	gtcgatatgt	tcataaaggc	tcagggatat	300
gaagatgact	gggacatcgt	cagtgcgcgg	gcgctggatt	acgatgccgc	ctgtatgcag	360
gtttatatct	cattcggcaa	aaagcgggat	cacaccgtga	ttgactgcat	ggtcaaggaa	420
gatggcgtgt	ggaaagttag	atccgtggcc	agtatgaata	tttcagacaa	cctgatgatg	480
gaataa						486

## &lt;210&gt; 5153

## &lt;211&gt; 246

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5153

aaagcattat	ttatcaatgc	attgaacaaa	tctaaccatc	ccatccgcat	cccgtcacag	60
ggtctatgct	taatgaaagt	agccaaaaag	ggcggtttag	cccaaagtcc	ctgctcgcag	120
ggggttgaag	tgataatcgt	tatcactaac	atgggtgtat	gccctgggtg	cttatcagat	180
gaggtggacc	tatggaactg	cattcagaaa	ccttcaatcc	ggccgatttt	gcctggcgctg	240
gcttaa						246

## &lt;210&gt; 5154

## &lt;211&gt; 480

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5154

actatgttaa	atattctgat	tcaggaaacg	gatctgtttt	ttcaggctgg	gctacagagc	60
tttttcgaag	atTTTTTTaa	gcataacttt	catcgctcca	tcacttttca	cctggcgctg	120
accaatgaaa	acgtcagcca	ggccgatatt	attgttcttt	cattatgtca	gggggaaacg	180
ctgacctgtt	ttccggaatt	actggcccgg	caaaaaggaa	ttgtgatagg	tctcgtcgc	240
gatgagctgc	gcttttcggc	gctgccttcc	tgctttcagg	acattatttt	tcttcctcgc	300
cgggcatcgc	ttgatcgtat	tagcggcggt	ctgtttattg	cgtgggtcac	gacgcaatta	360
ccgggttaca	cctggaataa	aaagacctgt	ttcgactgcc	agcataaagg	gttatcccgg	420
caacaaattc	gtattctggt	caatttttac	cgagggctgt	cggtagtgc	gaccgcttag	480

## &lt;210&gt; 5155

## &lt;211&gt; 231

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5155

aaaagcatcg	cccggctggc	tacggtggcg	ttcacggcga	cagtggaaact	gctgcgtacc	60
ggaaagggtt	attccgacca	gatagctatc	atgccagtgg	ggatcaaagg	catgtccttc	120
gaaatgcgcc	ttaattgtct	caatacctgt	ttctgcatgc	tgacgcagct	caagccagtc	180
gtttgccata	ctgccctcct	cttaccgtca	gcattgtcac	atcttgctg	a	231

## &lt;210&gt; 5156

## &lt;211&gt; 438

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5156

tcattcaaca	taaacgaggc	acacatgaga	aattttgata	tgcaacggaaa	aggtcacggg	60
cgtgggtttg	gccgccatcg	tatgggtaag	ggcatcgtag	ttggcgagct	cctgttcgtg	120
gtgcttggcc	tgctggtcat	gtccctgtgg	aacgcgttgc	tcccggccat	cctgggggtt	180
aaagccattg	gcttctggca	ggcgctgggg	atcctgctgc	tgagccgcat	tcttttcggt	240
gggctgggtt	tccgtcccgg	tatgttcggt	gcgcaccgcc	gtatgcacga	acaatggatg	300
aatatgagcc	ccgaacaacg	tgaggccttc	attcagcagc	gtcggggcgg	at ttggctgc	360
catggtcatt	gccgatggca	cgatggccgg	gatgaaaaac	gagatgataa	cgggtgcgaaa	420
gcgcccgaag	ccgagtga					438

## &lt;210&gt; 5157

## &lt;211&gt; 303

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5157

gactaccgga	cgcctatgac	agcacatggt	tccaacgata	ctttgcatgg	cgtaacgctc	60
gaaatgcagg	ttaacgcgct	ggttgcgcga	tatggctgga	atgaactggg	caaccgaatc	120
aaaatcaact	gttttcgcaa	ggacccgagt	gttaaatacga	gtctgaagtt	cctgcgccgc	180
accccatggg	cgcggggcga	agttgaagcc	ctctacctcg	actcccttca	cgatgacggt	240
aacggggagc	aggacgaacc	ggcgtttaac	ccctggacgg	atagccggac	acccaggagc	300

taa

303

&lt;210&gt; 5158

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5158

ttcaatcagg gattgataac ggtcaggatt gatctccgca gggacatccg cgggataacg	60
gttaagccaa acctttttca atgcatcacc tctgaaatga gtgttcgctc tcatcacagc	120
cccgataata aacagtttgt taacattata ttaactcagc gtaccagttt attaattgtt	180
cagattgcag gttgcgaagc gcgtcactct tttttttcgt tttatccgta a	231

&lt;210&gt; 5159

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5159

gctattcact tcttcctgag cttgtctgag ttcagcatcc cggattacct tatggtcggg	60
ttcaaataca aaactggaca gaaaatcctt aaccaggaag cgatgctctc gcattttctt	120
gccacgttcc ctacggttgc cgctgctgtc ttcagtgcga atagctacag tctgaccgta	180
aacgcgggga tgggcgcgta g	201

&lt;210&gt; 5160

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5160

aggatgatta ggcagggtt tatactcaca accgcaatgc ttttgagtgg atgcggatat	60
catttcgcaa accaggtaga tgcgtacgat ctaatgcctc gtccctgttac aaataaaaagg	120
tttcagatag tccctccgga cgaaagtatt cagtccagaa tgttttcagg ccgttttgct	180
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acaggctacg ttgtagataa aaagacaacg agaactgaca agcatggcga attgcatact	360
gactatgact acaagccagt cgatggggta ataggcactg agacgatgtc gcagatgcac	420
tatatgcgac agctggatgt cgaggtatac ccgtcagcga aaggagcaaa gcaggttctg	480
aaagtgcgta tgcaaaagcaa tgcacctgtg ccgtcagaca gcattgctta ttcagcaatg	540
atcgacgcct ttactgataa atttgatgcg ccgtcgcgtt ccggaaatta tgttgacgtg	600
atccccctga actga	615

&lt;210&gt; 5161

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5161

actacatgcg ccgagacaga gctgaatatt tacctctccg tggaacaatt caacaatact	60
gtacgcccta acttccttaa atcactttca gaccacccag atgccctggc tacgtttgaa	120
cctaacgatt tgatgaaact ttgcaacagg caagggtccc tctgggtggc aggttcacca	180
caagatccct cttga	195

&lt;210&gt; 5162

&lt;211&gt; 570

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5162

aacactatca ataagttgga gtcattaccc agcgaggtaa atcactatta tgagcattgc	60
actgtccccg tgattgactg gttttttaaa caagcaaccg aggcgctgca tcatgggtcta	120

tggttacccg	cctgtacgag	ctttctgaat	gggatcgaaa	catcactcag	ggttacgctg	180
aagttgaaat	caactgttaa	cgttcagcag	tcagttcctg	tactggtgga	cttagatggg	240
acgtcagtaa	tgagtaacgc	tttaatgcga	aaggctaagc	aggaagggat	gccgatagaa	300
ttactgtcat	ttccagccga	gaagaatatg	ttggcaaaga	tagacgctgg	taaaaaacct	360
gaagcagata	tcgtcaggct	tagaaatagt	ctatgccatg	gcaacattct	ggagttcatt	420
atgagtgtta	aagtcgggtc	tccagatccc	atacgaattt	ttactcctgg	taactgctgt	480
ggtttagcgc	ttttactttc	ggccttatcg	aagaaatgga	cggtaggctt	gcatacaatac	540
tggatcgaca	acaatctgac	gtcctgctga				570

&lt;210&gt; 5163

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5163

actatgaaat	taaaaaatat	tctgctgtgt	gcgatgatgt	cagtcgcttt	tggtcctctt	60
gctaatacta	cacataaagt	tgaaaacgaa	cctatcccaa	acattattct	tgatggtaag	120
ggtgatgata	tttgtaaaga	tgcaagcatc	cgaactgaac	ttaatcatga	taaagcaaag	180
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gatgaagttg	cagaagcctt	tgtaaaccgc	gacaaaggcg	cttcagaaac	agcagaccat	300
tgcttgttta	atgtacgtaa	taaatactgg	gaaatgtatc	cctctgaaga	taagtag	357

&lt;210&gt; 5164

&lt;211&gt; 402

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5164

gaggtgtgta	tgaaatctac	tttactgagt	acgttaatgc	tggttgctgt	aggtgtacag	60
cccgttttctg	ctgcacaatg	tcagtacgga	gcctgtggaa	cggaaaacga	tcccgggaatc	120
ggatttctga	tgctcatcgt	acaaatggat	aaaggtgaac	atctaaagga	actctctgtg	180
gttgcgacca	caggtgacac	catctctaaa	aagatggaaa	gtacactggg	aaataaaaaag	240
ctcaaggtaa	acaccgacag	taccgcgaag	gggcgggta	ataccaccat	caggcctaca	300
gatgagctcg	ccccaacgag	gcaactaaaa	gttatccggc	ccgaactggg	aaaaaatccc	360
gattcgcagc	tcgtggtagc	tttcaatgag	cgcttgccct	ga		402

&lt;210&gt; 5165

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5165

gagcgtccag	aaggaaaaaa	gatgtcgata	ctcagtagct	tcgtcatcag	agcaacgggg	60
atacctgaca	aaaagtatct	ccgggatccc	gtaataaaac	gttggtataa	acgtctgagt	120
cgtagggtgc	ctgctctaata	gacgggggtg	cttctgtgca	ttctgggttc	agggtatgtc	180
agtatggcac	tggaacagcc	tgatagcact	gtattactca	gtctgctgct	gttgatgtt	240
atgtcaggca	ttttactgat	gcagttccag	tatatgtatt	cagagcggaag	cataggctac	300
aagttctacc	tggaagtgtc	tatgaatgca	gctgccagta	ctcaacataa	agaacagtta	360
cagtatctgt	tcattaataa	gccaatttcc	atcacgatgg	gcgatcttta	ccgactttat	420
gattttaatg	ggggagggcg	atag				444

&lt;210&gt; 5166

&lt;211&gt; 1122

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5166

aaacgaccat	gctatacgag	ctctaacctt	ttttttgtat	gccatcataa	ccgcatcaga	60
aaaggagaac	ggtctatgac	tcgtattgca	ttagcgcctt	caaagatggg	tttgcttatg	120
tctttggtaa	ttactgggtc	ccacgccagc	cctgagcaac	ccctaataaa	agatacgccc	180
tttgatatctg	gccaggctta	taagaagggt	ttcttctggt	atgacgatcc	tgctaaaaaa	240



agcgaagctg	aagaagaaga	ggttttgcc	ccaaccggtg	ctgctagctc	gccttcaaaa	300
gaggaaatgg	tagattttaa	ttcaaaatgg	ctaaaagaga	atatgcctcg	actgttaacg	360
caggcaatgg	ataaccctac	cgcagaaaat	ctatcacggt	attacacggc	gcaaagggtta	420
atgctggata	tcagtacgcg	tttttctgac	aaatcaaaaag	attattttct	taaaaacccg	480
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gttggtgaaa	aaaatcagca	aacggtaatg	aaagatatct	ttactaagtc	aggtttattt	600
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cagaactatt	attcggtaga	tattcttcca	atcagtatgg	atggaaggcc	attgcataat	720
ggcctttttc	aggattttta	catccccaac	gcacaaatta	ttgatcaatt	taaaattcga	780
gaggtagccta	caattttcct	ggtttcaaa	gatgggacat	cagctcagcg	cattagtga	840
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aaaataatgg	acaaaaaact	cgaaggctat	gacatgccta	cggccgatcc	ggtcaattat	1080
ctcaatgctg	gcggcagttt	tggaggcact	tatgcgcagt	aa		1122

&lt;210&gt; 5167

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5167

acaaacgcag	cgaaaatcag	gcaaacgcag	aggcaaacca	ggtgtgcaga	tttcatcgaa	60
acctcctttg	aaagtcacat	gcttcccctg	aaatatatcg	ttacattcat	caacgcgatt	120
caagccaaaa	gtatgaattt	acgcattctg	cgtgcggtat	ccgatcgcca	gtgcaatgcc	180
atagcttact	aa					192

&lt;210&gt; 5168

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5168

ctttcaaagg	aggtttctgat	gaaatctgca	cacctgggtt	gcctgctcgt	ttgcctgatt	60
ttcgctgcgt	ttgttcacgc	gcaggagaag	agcgctccgg	agaaagaggc	ccagataaaa	120
cagcagggtcc	tgaaagatgt	aaagaaaacc	tgtaccccg	agaaaaagca	gagcgataag	180
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accgccgtga	agcgtgacaa	cctggacgcc	tactgggatg	cagtcagtca	ggtggattgt	300
atggaagatt	actga					315

&lt;210&gt; 5169

&lt;211&gt; 468

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5169

ttttctcttt	ctaccgtatt	cgcgtggcgc	agctgggtgcg	ggaatacagt	tccgaaaccg	60
gagggcacgc	ggatgtatga	cgttcacgtg	attttccgcg	acgggcccgg	cgagctggcg	120
cgctttggac	agctgtttgg	gcgcaacggc	gtggggcttg	aggggtggcg	cgatttcggg	180
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gggtttaccg	tgcaggcgct	gcgaaagccg	gtgatcagaa	agcttaagca	ggagcgctct	300
ggcgagctgg	gcgagatagc	ggcggcgctg	gcggcacgcg	gcgtgtctat	cctgactcag	360
tacagtgacc	atgcgaatca	ccttattctg	ctgacggatg	atgataagct	ggccgctgag	420
atcaccacac	cctgggcgac	gaatgttaaa	gacgagctta	ccctctga		468

&lt;210&gt; 5170

&lt;211&gt; 1089

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5170

gcctgcttca	ctatgtctat	tagcaccctg	gcacgggtat	ttaccccgca	cggcaacatc	60
gtctatacgg	caaacgactt	tgcgcagacc	ctgcgtatcg	tctttgccgg	gatgattgcg	120
ctcagtatct	cgagtttcta	caacaccagc	tacggcgtgt	tttttggtgt	ctacccgatc	180
atgcttctct	cgctgggtacc	ggtgtttaat	cgccacgtgg	cgaagcagtt	tatcttcagc	240
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ctggtgcacc	tgatcctgaa	tgccttcgag	gcgacgcgct	acgttatcgc	gccgccaaaa	1080
gcggattaa						1089

&lt;210&gt; 5171

&lt;211&gt; 249

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5171

ttcatcaagg	gtccacaaca	cggaaggcgc	ggggctggga	ttatcaatta	caaggctgat	60
cattcatgct	catggcgggc	agctgtcagc	agaacagcag	gggcgggaaa	ttgtgttcag	120
tgtgcgcctg	ttaatggatt	aatcccgttc	ttcaggagaa	acctggaagg	tgacaaaatt	180
gtcatcattc	agtcacgcga	taaacagagg	cggtttttta	taatcataca	taaatacagga	240
gcagagtga						249

&lt;210&gt; 5172

&lt;211&gt; 269

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5172

cggtccgggt	ttattttacc	acagcatcga	ctaattcaag	aggttacata	tgatagtttc	60
agaagcaatt	ttttattctt	ctattatttc	ctgggttctt	tattgccggg	ttatcccgcc	120
cccattacta	aaaaggtagg	gatgcttggt	gttccactca	cgcttacctt	cggtatgttac	180
atttatgcaa	ttcatttgga	tgattccgca	cagcaaacca	atttactagt	cgtcaccaca	240
ggggacaaaa	gcacccgcgc	taagcgaat				269

&lt;210&gt; 5173

&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5173

attgaagcgg	tgctcgttct	catcgcaata	ccagttcgcc	cggttaagtac	ggctggaata	60
agtattccat	tcgctcgtga	aaagacattt	accaccgatg	gcatcaaata	cgcttcgcag	120
tccacctatc	cctgcaaaaa	gatcgataaa	gctaaagtgc	ctgtcctcat	aatcagcagg	180
tcgtga						186

&lt;210&gt; 5174

&lt;211&gt; 1011

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5174

atccgcagca	caaaaggagg	caaaaggggt	atgggcagac	accaaccctg	tcccaccatg	60
gcagtggaga	caggcaaacg	aaaagcccag	aaagggtgaa	gggaagaaat	aaccatgatg	120
aaagagcctc	atccgttact	tcagttggta	ctaaacgatt	ccggtcgtct	aaccatgcct	180
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gataataccg	ggaatatgat	tccatcaaac	catccttatt	ttgaagtc	ctcaaaagca	960
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&lt;210&gt; 5175

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5175

ctggttagcc	cagctcgata	cggcacccctg	tttatgtttg	gccgactgca	ataccgcctt	60
ggcaccatgg	ataagcaagg	tcctcaaata	ggtatcacct	cgcttgctta	tcccagagcag	120
gacttgttta	ccccactgg	agtgtctgacg	tggaaaccaat	ccgagccagg	cagccagttg	180
tcggccattc	tcgaaattgt	tggctttacc	aatggctcgca	atcagcgcgc	tggcggtaac	240
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ctcaatctgc	ttgtcgagtg	tagcgatgac	atcgaacagg	tacgccatgt	ggtgctgtag	360

&lt;210&gt; 5176

&lt;211&gt; 1329

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5176

gagactacta	tgagccaaaa	attcgcagtg	atgattgctt	acgacgacga	tccaaacgtc	60
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cctgcttaa						1329

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 <211> 216  
 <212> DNA  
 <213> Enterobacter cloacae

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 aaaatcggtta acgtgttttc tgcactggaa agtggagact caaaaaaggt agtgcatttg 180  
 ttgactgaag gacgaaaact cctgcggacg ggctga 216

<210> 5178  
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 <212> DNA  
 <213> Enterobacter cloacae

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 gtaaaaaaaa acatcatttc acctgaattt gttgagtaca gacatgtatc cacaagccta 180  
 ttacaggca gtattttaac aagtcattat ttcatgggag ggcttaaaac caatcttttt 240  
 gcaacttaa 249

<210> 5179  
 <211> 183  
 <212> DNA  
 <213> Enterobacter cloacae

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 cgagcattac aagaactgtc caggcattgc gttcccgaag cagatttcga agaattcttt 120  
 agcgacatgg gcgtaaagga acagtatgac gtcagggaag tgttgctttg gttgggatat 180  
 taa 183

<210> 5180  
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 <212> DNA  
 <213> Enterobacter cloacae

<400> 5180  
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 gtaaaacagg caaatcgaga gggctcgaaa ttatctgagt ggatgtcgcg gcatctcgac 180  
 gctgtctgtg ataccgcaga tgagattcat aaaggcaaac gctcaactcc gggtgagcct 240  
 gggaaagattc cccctgaggt ataccagggtg atatacgatc agtgcggcgg gttcgtggag 300  
 tgtgatgcta atgccagggt aatctgggaa gcctgccgtg atgccattct taacggagac 360  
 aaagggttaa 369

<210> 5181  
 <211> 330  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5181  
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 gtgtatgacc aactggttaa agagtatccc gtaatgtggc tgccgggattc aaccgggac 120  
 ggggcctgct acctctgtcg agaactgctg tcgccggagg ggatggtcct ggcgatgcag 180  
 agcgctttcc ctgcgaaggg atggcggtctg cgtatttggt acaatgaaac cattgacgaa 240  
 gagatagaac cgcagcgtgg agactgtatt gagctgtcct ccagggcgga cgctctgctg 300  
 tccttcatgt cgttccagga aaagggttag 330

<210> 5182  
 <211> 228  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5182  
 gccaggatag cagataacct ccttggttccg tctttcatcc gcaactcgca aagcgagttt 60  
 cgtgtgagcc aggtgaatat caacagcggt aaacaaacta ttaatatgca caaaacaatg 120  
 gggttggttcg gcattttcat ggccttcttc tcctgtcaac gcaaagcaga agtgtcacca 180  
 tcggtgcgaa acagagatgt catgcttttg ttcagagaat gcgtttga 228

<210> 5183  
 <211> 225  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5183  
 ttcacctctg atatggccac ttgcgaaatg ggaatggtaa ctggttattac tatgtgttta 60  
 cttgctgttc ttgttacgca gccccttaaa cacattactt tcaaatatga tttcctgctg 120  
 ggtttaaata tgtgtctttc tatagtgcgg caacctatct ttacaccaac tcatgaatta 180  
 aataagaatc ataaattaaa tgagagggtt aattctcttg cttaa 225

<210> 5184  
 <211> 201  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5184  
 atctgcgccc ttgtaagett ctgggcggaa ctgcttaaac ctgacatacc ttcccggcct 60  
 tatataaaac aatccgccag cagctcgact ggccgacaat gtttgactgg aaacagcaag 120  
 gacatactat ttgctgacaa gtttgatatt ggtttcactc attcgaagtc gaaactcctg 180  
 aaaaccctgc tctaccgcta a 201

<210> 5185  
 <211> 624  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5185  
 atttgtttaa taaggctgag tatgatgaat aaagaacaac taatcgacaa actggaacgc 60  
 gtggtatgtg gtcagtactc ctacgaaatg caggagcttg cgtattcggc cctctgctgc 120  
 attaaaggca ccccggaaga ctgcgctaag ttccctgtta cgcgtccgct gcctgacacc 180  
 ttagtggacg tatgggacga gatcgggcaa taccttggca caggcaaagc cattgaaact 240  
 cgcagttgcg gcgtttcgtc tctgcttcat ggacactgct acgattcaaa tcatgtgctg 300  
 tactggcgca atgctggcgc acttccagca gcttgcgata cgccactggc tgggtgggtct 360  
 cgcaaactgt tcacctgctc agcctgtgga gtggacggtc tggatgaacc acctgaaacc 420  
 agttgccact gctgcacaga gggggcccac tggattgaga gcaggctctt cacctccggg 480  
 caggcagacc ctgaagaatt tagaccctgt gcggtcgtga aagagtgtgc aggtcaacg 540  
 ccgatgatc ggctcatctg gagcgtgatt gaacagctca acggcgaact ggcggaaggc 600  
 gataaactat ttaagcaacg ctga 624

<210> 5186  
 <211> 297  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5186  
 tctgggaagc ctgccgtgat gccattctta acggagacaa agggtaaacg gcaggtatcg 60  
 cctgtcattt ttacccttgt gaggaaaatc ctgatgaacc atgagagccg aactgtatac 120  
 ctgaacacgg ccattgaggc cctgttgaaa gctgaggcgg ctctgaacga gctggcatta 180  
 gcctatgtac tcaaaccagg tgaaaaggca agcgcattgc atccccgaac cggtacgctt 240

tccacagctt cccaggtaag aaaacttcgc cgtgttctag aaaaaaaciaa gttatga 297

<210> 5187

<211> 924

<212> DNA

<213> Enterobacter cloacae

<400> 5187

ctgagtcagc	cgagaagaat	ttccccactt	attcgcacct	tccttaagag	tagtgacgat	60
ttttcccgtg	aactgtcatt	tctttttcac	cggtctataa	agattagaaa	ttcagggtttc	120
gcgatatttg	gtgcgggcct	gctgataatg	attttttggtc	tttgcttggtg	gttgctgtca	180
ttacacctct	caccttcagt	tctggacttt	gatattgatg	tgcccttggtc	attcttcaat	240
tcatctgaag	gtgaagataa	gttagtggtt	tcggattttg	gcgatgcatt	tggaggcttc	300
ctaactacat	attctaagtt	gctattaggg	attatggggc	tattagtagt	ttcttcaact	360
gcctttaaaa	ttttaaaagg	ggaggaaaata	ggtgagatat	tcccgatgct	tctaattgct	420
ggcgcttttc	ttatcggtt	gtcagttttt	acatctgctt	taggttcgga	agagactgat	480
gccacttcag	cttcgactgt	aaagggttatc	aagaaatatg	taaaacatga	aaaatacgat	540
aaacttgctg	catattttaa	tgatagtaat	tggccctcag	gcgaagaggt	atctgtaaac	600
tattttaaagg	cgcaactaca	tataaaactc	ggcaagccag	atgtgaagtt	aacacagaat	660
gttgttaggg	cgtatatgtc	tggtgtatta	cagtcaaata	ttcccgtgaa	agttcgttat	720
gcattggaaa	agacagcttt	agataaatcc	gtctcaccac	ttgcgattcg	ttatgagcaa	780
aaacgtatgt	ctaaatcaca	taccttttca	aaagcgtcgg	ttaattgtct	taaagtaggt	840
agtcccgtcg	cattcggttg	cgttttgttc	gctcttcttg	gtataaaaat	caggcggcga	900
gtcagattct	tagaatcaaa	ttga				924

<210> 5188

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 5188

ggatacatga	tgtgtaactt	tactcctggt	caaattattg	ctgattatat	actgaggttt	60
cttaaaaaata	atactgatgc	caagctttat	gaggcaatgc	agcgtcttga	aaagaaaatt	120
ggtcagtttg	tcgctgatgg	ggttgatgaa	catcaattac	gctcttcatt	aagcaaagtc	180
tgtcgatctc	gttcagggc	ggctcttaaa	gaggagtgtg	aacaactcat	tccataa	237

<210> 5189

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 5189

ggccgggaag	gtatgtcagg	tttaagcagt	tccgcccaga	agcttacaag	ggcgcagatt	60
tacgtgttaa	gacggatggc	atccggcacg	atctatgata	tctctggcaa	tttcagacgg	120
gccagagaac	ggcgtagctt	tatggggaat	cctgatgatg	tgacgtgcag	gagctctccg	180
gtcctgttcc	ggctgggcct	cgtggagtta	tgccagccag	taaggcatct	ggagccaggt	240
ttatactatc	ggctcaagtt	gagctcctca	gggcatgaag	ctcttaaggc	gaacgcacac	300
ctctaa						306

<210> 5190

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 5190

gaaacagaac	ccgacacatc	gctgctctct	gggaaagccg	gtcagcagat	ggagcgccag	60
gaactaaatc	cgctggtttt	aataatgatt	gaggagaaca	agatgaaaga	taacaagaca	120
cgtcctgtag	actcgtatgc	tcactgtgat	ttcatggagt	cogtcttcag	caacctcagg	180
gctttctgtg	atgcggaatg	ccagcggcta	actgccggtt	atcccccaac	tgtcaaacca	240
gaacagcaaa	gcactgacgg	ccagctgtcg	gcggcataa			279

<210> 5191  
 <211> 195  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5191  
 atcattacct gccagttcgt tcaaattttcc gcttccttaa gcccgggcca aaagcccggc 60  
 tcaatccaaa aactgaacgt accggtttac ctctatatct cctcaatccc ctgcgactta 120  
 caagagaccc gcaccgggtt agccattcct gtcctgccac tctctcatca ctggcccaga 180  
 caaccgaaa agtaa 195

<210> 5192  
 <211> 369  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5192  
 tgggctacgc attcagtctc cacctctcta actataaagg ttcttttcat gtccaatagc 60  
 ttcgataagc cgcaaacgct cccggtacat aattctgatg ccgaaccctt ttttccgaaa 120  
 aaccttggtc cattttatcga gcaggatcc ggaagggatc tggcaatgct cacagaatca 180  
 gagaaggaaa aacttgcgca cctgatcaga actgggcgta aatatggagt ttctgtcgct 240  
 ategttcctg atacagattc tgctgagctt catgaattac tgtctaattgc cgattccatt 300  
 gaaaggcagt tttccatcta tgaacgcac cagacgaaga ttgcgttcac gcggtgtcag 360  
 gaagcataa 369

<210> 5193  
 <211> 354  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5193  
 gccactttgt tatatttggt tcatgttaac agaggaggcg atatgcaa atgaaaagggtg 60  
 atgtcattac ttgaagtgtt ttcaagctgg ctgaagata acatcaatat ggattctgaa 120  
 attatctttg ataatgacga agataatacc aactcagaaa ttctgtatcc tgctgtagaa 180  
 aaggctaatt ccgttttgcg caaaatggca tctttatctt cagattctgt tcatgcaatt 240  
 cgacagcgct tgcagcttgc cgtagaaggc aaagctgaat tgtccctcaa ggatgtggga 300  
 gagcttctgc tggcaacaaa gtatctgatg ttgtccactg aagagggaga gtaa 354

<210> 5194  
 <211> 189  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5194  
 aaaggtgact tgatgaaacc atttggactt gccggaaaac cccggcccga accttgcggc 60  
 tgctgctggt ataccogtga ggactgccct tacgtcagcg caaaacagat ctatcgccgc 120  
 aggcagcgca aggcagaacg ccagcgctcag cgcagcacca ttgtgatggc cgtttctgaa 180  
 tttcgctga 189

<210> 5195  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5195  
 aaaaaccgct atgcaggaaa aagagtaata ccccttttta gcaccacaa tttcaccgtc 60  
 catctgcctt taaccttgcc tgttattaac ggaatccttt ctgactgggc ggatcccacg 120  
 cataacctga actgttggct aaccgtctta cagccaaatt ccctccttta tctggcagga 180  
 gtgcgtccgt ga 192

<210> 5196

<211> 522  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5196  
 tgttgtccac tgaagagggga gagtaagcct gtgaccactc tcgtatattga aatggcagat 60  
 atcaataaac tgatcgaaga aattcgcacc gcaaaaacgt ttctcggtcac cccagatcag 120  
 atctatgacc cggcatgcta tccgggggga gccctcctta acgctgaggg acagactgaa 180  
 gaagaggcgc gtaaagctgg tagggttttc tttccctcat cctcaaaaat tgccagcaca 240  
 catctggtgc caaaagtgtc tctcgcgcac agtcatggtg tatacctgat cactaatgct 300  
 gagcttgagg gctctcccg c atcccgcgat actgtggctt acgcccaggg gatgaatcca 360  
 aaactggatg aggactggga ttacgcttgt gatgccgctt tgggtgggtc tgattgtagc 420  
 tataccattc ccgttgagt gctggagtta gcggtagagc agggttttca ggagtttcga 480  
 cttcgaatga gtgaaaccaa tatcaaaact gtcagcaaat ag 522

<210> 5197  
 <211> 231  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5197  
 gaattctccc tgaatggaag gcaaccgatg aaaatgtttt ttaccctta tgttcgtatc 60  
 gttttctatt tttgcgcatt gattttttatt gtttacagtt tcagtgattt tttccagggc 120  
 gtccctgaca gcaccttctt cagtgcggtc atcacgctac ttgttatcgg aaccattggt 180  
 gcccgcatc tggatcgcaa aaaatctctc aaatatactt cacagattta a 231

<210> 5198  
 <211> 243  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5198  
 ttttaataagg accggttcat gcataaccac gaaattcaga ccattgctat atttagtgcc 60  
 cagtataaaa acatcgaaga tgctgaaaat gcaggtgctt tatattcagt agatattgaa 120  
 tatccgatga cactaaatga tttatcgcg ctttgcgact ctattgccga agcagtaggt 180  
 gtgcctggcg gcgtcaaata ccagttcgtg tcccagccgg aagcgcgatga aaccagcttc 240  
 tga 243

<210> 5199  
 <211> 237  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5199  
 ccagtaacca aactgcctaa aagcaggtgc aaagccatga aacaaacaaa gtcttctatg 60  
 tcacgtattg tgcagctgta cgacgggagc cgatacggaa actgcgagca ggctgataac 120  
 gaaggagagc tttttacggg ggtgttgaat aagccttcgc agatcgatga catccgtaaa 180  
 atcgtagaca caaccgccga agtacttggc aaagctttgc cagtactcct ctttttaa 237

<210> 5200  
 <211> 327  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5200  
 tctggagagt caatcatgat cacatctcta atgaatttcc gcgatttaac cggagaggca 60  
 gtcattccagg cgcggaatg cgttattaat gctgagatcg aagcggcccg ggaaaaggta 120  
 attcatgctc gttcggttatt caaagcgggt atacataatg ttgtaaacgg tagttctggc 180  
 attaaggctg cggcagcaca ttttctggtg ataaaacgtt tacagactga cactcggtat 240  
 ctggacgcgg ttatcaactga taacctttgc atgttttctc ctgagggtta tctgtatctg 300  
 tttatgcaac aacgttattt cctataa 327



<210> 5201  
 <211> 291  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5201  
 ggatataata tgaaaatcag ccagctggaa tccgggatgc aggtttgggc tgtaaccgct 60  
 accaaaatgg gaaataccac catttcaacg gtcattgtcc accccgttgt cattattgaa 120  
 attcatgata accatgtgat tgctcgtctg aacggcaatg caccacgtcg gtttggagaa 180  
 acggctatca ggggctggaa gaaggagaag ccactgcttg tccgtgagcc tttcggaaat 240  
 gttcgtcttg ccaccgggc tgaaaaaac gctatgcagg aaaaagagta a 291

<210> 5202  
 <211> 618  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5202  
 caggagtggg gtatgactga attaaataaa agcccgtccg gtttttccgg agctgatgtc 60  
 agtaaagaac aggctgccat aagggcactt gtagaaagag tagtgacca ctatcgcagc 120  
 cggacagcac ctgatcgggt tcaaaaaggct tcggtagcgt ttaatggggg attaaccctg 180  
 accctgatgc tggccttgac gctattgggc taccttgtgg cggaattgct cagggggtat 240  
 gttgcggata gttcacccta tgtgcccggt ctaagttatt cgcaattttc gatgcttatg 300  
 gtcgttgagc tgtgtctatg ctttcttgca tggtttttgg ttgtcacagg ggactatccc 360  
 cggccgtgga tatttcagggt agtcccgatg gagcagtact ggttctttga cgaagtggat 420  
 gacgacgac ttgcccggct ttctgtaac cttacatca agcgtggct attgatgaa 480  
 atgtccggta ttcactgact gacctacacg aggtgcatg atcgactgga gcgcactctgt 540  
 aatattgcat cccatctcga atacagccgt attcaggcac ataagatttc cctaatacaac 600  
 ggaagcagtg cctcctga 618

<210> 5203  
 <211> 351  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5203  
 ttcgccaaac tacggggcat ttctttaatg gcggagcttt acatcactat ttctgtcatt 60  
 ttcaaaccg cgggatacag caataattgc accgaacagc ggtttgaact gcaatgcac 120  
 cgtagggtat gcgacaataa taaggctctt cccgtactct taaaaatgga agagtttaaa 180  
 acccatctg cttgctgag cgaaagcagg tacattatgc cagcgataaa gggccgctat 240  
 aacttgtttt tttctagaac acggcgaagt tttcttacct gggaagctgt ggaaagcgta 300  
 ccggttcggg gatggcatgc gcttgccctt tcacctgggt tgagtacata g 351

<210> 5204  
 <211> 537  
 <212> DNA  
 <213> Enterobacter cloacae

<220>  
 <221> unsure  
 <222> (526)

<400> 5204  
 aaaaaatgtc gaacctggta ttgttgtgtt gtagcgcagt taaacaacca accaaaagag 60  
 agaacaaaaa tgtccgcaat cgaaactgaa gtaaaaaaca acagcaacga aataagcctt 120  
 cgtgggttacc tggaaacgac tggtaacggt gcccgtaaag gtaacggcct tatcattgac 180  
 ccttcgggtt ttgtacaaca ggaaggcttt aacaccgcga cggccggtat gggcgagctc 240  
 tactattcaa tgcctcacgt tgtggaacac ctgaacagcc tggccgatgc ctacatggaa 300  
 gaccggttca gcgtgacgcc tatcgttgtt cagatggtta atggcgtaac tgtaactgcgt 360  
 cagggggctt gccgtatccg ttccatcgtc attgcaaacc gccagctgga agcagaaggg 420

cgtgaacgca	ttactcgtat	tcgctgcgaa	caatttcgcg	gtagcgcttc	aaaagcagaa	480
ctcttcaccc	tgaccggcaa	ctccaacctg	gcgctgtctg	tcgtanctga	agcgctt	537

&lt;210&gt; 5205

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5205

gcgggggctg	ataaaatgga	agatgcgatt	aacgtcccga	ttacctatta	cgattctaac	60
ggctgtctaa	ttgttgggtc	caatctggtt	ggaaaaatcc	accctcaatt	atttgataag	120
ctggttcgtc	gttcaaacga	tggttcaacc	cgttgccagc	aggcaaaaat	caccagttac	180
ttagaagggc	ttttaaatgg	ctaa				204

&lt;210&gt; 5206

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5206

agaggtaacc	gaataatgag	tattccaatg	aaagggctgt	caaagcgtgg	ctggtataat	60
agtctgactg	attcagtcga	atacaaatac	ttcaacggtc	aaacagaaat	tagtgaatca	120
gcctataagc	tacttgcttc	aggtaataag	cctaaaccaa	ctgtgaagcc	agctaaagcg	180
gtcaccacgt	ataaggtgaa	gcctaagcca	acgattgaac	agcaaagaga	tgcagccttg	240
aaagaggcta	ttaaacagat	ggtaagcggg	ggctga			276

&lt;210&gt; 5207

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5207

gttgggggccc	gtcccgggtga	ggcaggggagt	tgttgttggc	gggggttgca	cacaaccgtt	60
aaccaccggt	ttaacaaaaa	acctgggttaa	ttcagttcga	aaaccggaat	ttgctgatcg	120
ttggggtcgg	ccaaccgggt	tttattcggg	ggcagagtga	tcaaagaggg	cgcattggtc	180
gtggacgtgg	gtattaaccg	cctggaaaaa	ggcaaagtgg	ttggcgacgt	ggtgtatgaa	240
gatgccgcag	cgcgcgcata	ctatattact	ccggtcccgg	gcggcggttg	cccgatga	298

&lt;210&gt; 5208

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5208

cctatagcaa	gtgttaaact	ttttgcctgt	ttattgtcac	ctctatcact	acaggaagtc	60
agcaacatga	cacatatctt	ttatgagttc	tcctccctga	agcctgggtg	tcctgatgtg	120
gaaacattaa	tggaagtcac	caattcttct	gaactcacgc	gttttgtcat	gggtgcagag	180
gtggtcgatt	ttgttaagaa	ggcgctcatc	gttaacacca	caatcggtag	ctttaaaaac	240
tgctattttg	cttttgatga	tggggcttac	tttctcgagt	ttgacggcaa	gggtaaatcc	300
agacgcttta	ctgaggtgcc	tgactggttc	gtttcccttg	cgaattttgc	ccgctcgcaa	360
tggctgatta	accatgacct	ggccgatgtg	aaggcgacgg	cgtttattga	cgtgctgatg	420
tcctacccgc	ttaaagagcg	ccgggcgcac	tgcaatctgc	tgtttgggtc	ggatctgcat	480
aaggtcaatg	tggttccggc	acctacagcc	cctgccggaa	aaatgggcaa	taaaaacgga	540
aaaactacca	agcctcgctg	tacggatctc	ggctcttttg	agctttttac	cgcgttcttt	600
gcgcgtatga	aaaccgcgct	caatgctaata	gaattcccta	ccctacaggt	gctgaccggc	660
caggaggatc	ttacaaaagc	gccgcacaa	ttaaagcaag	ggatcagaac	ctggtttaaa	720
gcgattactg	gcgatctgcc	gccgaacaac	aaacgtgtcg	gagcgggcaa	tgcggtgctg	780
ttctgcgctc	ccgttcgcga	gcagatccag	cagatagagg	ccatcggcct	ggaaaaatac	840
tatcagggat	tatcaaaagc	catcgctgac	gccggggatg	ggtttatcac	tgacttcagc	900
tatacctggt	ctgaaaagta	a				921

<210> 5209  
 <211> 258  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5209  
 cgaagccacg attttcagga ggggtgctttt gccgcagccg gagggaccgg ttatcagttt 60  
 aaattcgccc ggagagagac aaaaatcgac gtgctgaagg atggtgttat caccacacg 120  
 aaagccaaca tccctgatat ccagaagatt ttttttatta ttcatccga ttccattaac 180  
 cgctgtgata agaagagcct taagcataat cttttccgct acgcagcgct aatagcctta 240  
 acctatagca agtggttaa 258

<210> 5210  
 <211> 186  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5210  
 cgatgttggg ctaacgtcat cacgggtgctc agcggcgagc agcacgacag tttcaaaacc 60  
 agcaagcgcc tgatcgagtt gatcctgatt acgaacatca ccggagacag taatatccgg 120  
 ataaaaatga ctctgctggt tgctgaagtt agtaacatca aaatcagtct tggaaatctc 180  
 gattaa 186

<210> 5211  
 <211> 192  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5211  
 tgttttgccg gatggcgctt cgcttatccg gcctacagga ccgtaggccc ggtaagcgcc 60  
 agcgccaccg ggcaacaaaa aggcgaccac acggtcgcct ttttttatta caacagctcc 120  
 cgcgccgccc acacaatgtc atgtgccgtc aggccatact ctttttgcaa gaagtcctgc 180  
 gtgcccacct ga 192

<210> 5212  
 <211> 183  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5212  
 tttagcaggt taacgcttat cgtctacggc cctatcaggc tggcacagga taccgatac 60  
 ggggtagcga tgacaaaata ttttgaacgt tgtcatagcc tgttggtggt ttgcacgaaa 120  
 attttaattt ttatacgtga agttgaggtg cagccatgtc gacacccgaa atcccgctcc 180  
 tga 183

<210> 5213  
 <211> 252  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5213  
 gccagcgaca aagttattgg actggatgta tttgccgata ttgttggtgt tgatgggtgcc 60  
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 <213> Enterobacter cloacae

<400> 5214  
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<210> 5215

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 5215  
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 cccgttctgg aggatatgaa agcgcattgct ggttacgacg aatcagcgaa agatgagcac 180  
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 accgtaaagc aagtcgcaag tcccttcatt cgtccggcgc tcgattatca gaaagcgaaa 360  
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<210> 5216

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 5216  
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 gattatctgg agcgtcatcc tgaaataaaa tcaaattctg ttgctgaaac ttatgtaagc 180  
 cattacgcct ttatgattgc gatgatggaa gcacaacaaa agcataatag atctgataat 240  
 gaatttatta ctgggttgct ttcaaataat ggtgatgtat atgcaagatt agcggttaaa 300  
 aagcttgcaa atgattgttt aacgcaaagg agcattggct aatccggaga gttaaataat 360  
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<210> 5217

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 5217  
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<210> 5218

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 5218  
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ttccagatcg agagggcata a

381

&lt;210&gt; 5219

&lt;211&gt; 1419

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5219

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&lt;210&gt; 5220

&lt;211&gt; 498

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5220

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ggtcgaacgg	cgaacatgat	tctggccctt	tctggctggc	agatgaatga	aattaccgcc	420
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acggctgccg	gcagctga					498

&lt;210&gt; 5221

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5221

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gacgcggaaa aaaactaa

378

&lt;210&gt; 5222

&lt;211&gt; 474

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5222

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&lt;210&gt; 5223

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5223

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tga						243

&lt;210&gt; 5224

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5224

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&lt;210&gt; 5225

&lt;211&gt; 1383

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5225

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&lt;210&gt; 5226

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5226

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&lt;210&gt; 5227

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5227

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ttaaagaaca	tcagatttag	catgtaa				387

&lt;210&gt; 5228

&lt;211&gt; 552

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5228

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accaccgagt	ga					552

&lt;210&gt; 5229

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5229

ccaaagcagt	atttgaaact	cgtggcgctca	cggcagatgc	acttctcgac	gcttctccgg	60
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ggcaaagacc	cgcgctga					198

&lt;210&gt; 5230

&lt;211&gt; 597

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5230

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&lt;210&gt; 5231

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5231

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aagatcattc	ctatccgaca	ccgtgccggc	aattcgcgaa	cctatatcgt	agaaggattg	360
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&lt;210&gt; 5232

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5232

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aagatgatac	tccgagagcc	agaataa				267

&lt;210&gt; 5233

&lt;211&gt; 1167

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5233

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&lt;210&gt; 5234

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 5234						
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tgtatgaagc	acattgcccg	tgtctgccc	gaaaatcatc	acgcccggaa	gccattacac	900
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&lt;210&gt; 5235

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

<400> 5235						
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&lt;210&gt; 5236

&lt;211&gt; 342

&lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5236

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ataccagtcc	tgggcatttt	tgagactctc	aaacttgatt	acaaccagtc	tgccctgtgc	180
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tctgaaggta	gattcaacct	gagcgctgta	cggtttgata	gcgtcaagat	cggtcgcctg	300
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## &lt;210&gt; 5237

## &lt;211&gt; 363

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5237

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gcatccggga	ggattcgaac	ctccgaccgc	tcggttcgta	gccgagtact	ctatccagct	240
gagctacgga	tgcatcggga	tttactactg	ttactgctga	tactcgggtat	cgtttcaaaa	300
gcaacacaaa	gtaaaatatg	gtgcatccgg	gaggattcga	acctccgacc	gctcgggttcg	360
tag						363

## &lt;210&gt; 5238

## &lt;211&gt; 390

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5238

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tcattttata	tagactatcg	gaaaaattat	cgccaggtta	atcaaatata	tgcgatatta	120
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tcattgggta	agtcgtatag	aagaaaaata	cttattgcc	ctgttatatt	tttactgctg	360
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## &lt;210&gt; 5239

## &lt;211&gt; 1152

## &lt;212&gt; DNA

## &lt;213&gt; Enterobacter cloacae

## &lt;400&gt; 5239

accaaactcat	tcaaaagaat	gccgaacagg	agggcaatgc	tcaggataac	tataccgccg	60
tgccggtgtg	gatgggcaac	cctcaggaca	ccactttgct	gcatacgctc	tctgacgcag	120
cacaatttct	tccctgcgga	actgattaga	cacacaagga	ttgatatgaa	acttttgcta	180
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gcggcgaatt	aa					1152

&lt;210&gt; 5240

&lt;211&gt; 1056

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5240

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ggcctgtttg	gtcctaaccg	cccactgccg	gtgcacatga	ctgagtatgc	ccgcgagcgt	360
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&lt;210&gt; 5241

&lt;211&gt; 1500

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5241

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<210> 5242  
 <211> 522  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5242  
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 gttgtcttat attgtgcca gtccatgcgg catgacaaga tcccttttat ttccgatata 180  
 cacgccttca gtacggttgt gaacgcgctg tctgctgggtg ggtatagcgc tctggttatt 240  
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 ttcccccga atttatacgc gagcagactg gcactctacc aggaaatact gcgtctggtt 360  
 gggtttcgct actcagtttc cttttttccc ctgggtgttaa gtttcacggg cgtgatgaat 420  
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<210> 5243  
 <211> 885  
 <212> DNA  
 <213> Enterobacter cloacae

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 tttgtgcagt ttctgacct cagcggcaac tgggcgcgcg ccttgacca gctgaagagc 240  
 tggctggcgc tgatgccga ggcaaaacca accgtaacgc tgctggagca ggccattcag 300  
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 cagtggccgt ggctgtcgac gttagcccag gcgctgaccg aacgcgcgcg gcaagcgcaa 420  
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<210> 5244  
 <211> 1893  
 <212> DNA  
 <213> Enterobacter cloacae

<400> 5244  
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atcaacagct	ttacggagtt	cacgctcaag	agccagcagc	gcggcgaaat	cggctactgg	1860
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&lt;210&gt; 5245

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5245

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ccttcgtctt	cagcgacggc	agtttag				387

&lt;210&gt; 5246

&lt;211&gt; 588

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5246

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&lt;210&gt; 5247

&lt;211&gt; 1032

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5247

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&lt;210&gt; 5248

&lt;211&gt; 630

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5248

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&lt;210&gt; 5249

&lt;211&gt; 555

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5249

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&lt;210&gt; 5250

&lt;211&gt; 1386

&lt;212&gt; DNA

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 5250

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